PHASE II
INVESTIGATION REPORT

AREA B: PARCEL B1
TRADEPOINT ATLANTIC
SPARROWS POINT, MARYLAND

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1.0 INTRODUCTION

ARM Group Inc. (ARM), on behalf of EnviroAnalytics Group (EAG), has completed a Phase II Investigation of a portion of the Tradepoint Atlantic property (formerly Sparrows Point Terminal, LLC) that has been designated as Area B: Parcel B1 (the Site). Parcel B1 is comprised of 217 acres of the approximately 3,100-acre former steel making facility (**Figure 1**). The Site is bounded to the west by the Shipyard Industrial Complex (currently outside of Tradepoint Atlantic property) and former No. 2 Machine Shop (currently designated as Parcel B17), to the north by the Humphrey Creek Waste Water Treatment Plant (HCWWTP), to the south by the Former Steel Making Area (currently designated as Parcel B4 and Parcel B5), and to the east by the former Slab Hauler Repair Facility and Storage Yard (currently designated as Parcel B2).

The Phase II Investigation was performed in accordance with procedures outlined in the approved Phase II Investigation Work Plan – Parcel B1. This Work Plan (dated March 3, 2016) was approved by the Maryland Department of the Environment (MDE) and the United States Environmental Protection Agency (USEPA) on March 15, 2016 in compliance with requirements pursuant to the following:

- Administrative Consent Order (ACO) between Tradepoint Atlantic (formerly Sparrows Point Terminal, LLC) and MDE (effective September 12, 2014); and

- Settlement Agreement and Covenant Not to Sue (SA) between Tradepoint Atlantic (formerly Sparrows Point Terminal, LLC) and USEPA (effective November 25, 2014).

Parcel B1 is part of the acreage that was removed (Carveout Area) from inclusion in the Multimedia Consent Decree between Bethlehem Steel Corporation, the USEPA, and the MDE (effective October 8, 1997) as documented in correspondence received from USEPA on September 12, 2014. Based on this agreement, USEPA determined that no further investigation or corrective measures will be required under the terms of the Consent Decree for the Carveout Area. However, the SA reflects that the property within the Carveout Area will remain subject to the USEPA's Resource Conservation and Recovery Act (RCRA) Corrective Action authorities.

An application to enter the full Tradepoint Atlantic property (3,100 acres) into the Maryland Department of the Environment Voluntary Cleanup Program (MDE-VCP) was submitted to the MDE and delivered on June 27, 2014. The property's current and anticipated future use is Tier 3 (Industrial), and plans for the property include demolition and redevelopment over the next several years.

1.1. SITE HISTORY

From the late 1800s until 2012, the production and manufacturing of steel was conducted at Sparrows Point. Iron and steel production operations and processes at Sparrows Point included raw material handling, coke production, sinter production, iron production, steel production, and semi-finished and finished product preparation. In 1970, Sparrows Point was the largest steel facility in the United States, producing hot and cold rolled sheets, coated materials, pipes, plates, and rod and wire. The steel making operations at Sparrows Point ceased in fall 2012.

Parcel B1 was formerly occupied by the Primary Rolling Mills Area and part of the Steel Making Area. Several iron and steel work processes were completed within the boundary of Parcel B1. Descriptions of the facilities and processes are provided below:

Primary Rolling Mill:

Slabs were moved from the Slab Conditioning Buildings to roll tables and transported to either of the two reheat furnaces. Slabs were heated and soaked until a rolling temperature of approximately 2,200 °F was achieved. Heated slabs left the furnace and were descaled with high pressure water to remove iron oxides, then rolled into hot bands of the proper gauge and length. The bands were then water cooled and coiled for sale or further processing. The two reheat furnaces could use a combination of natural gas, No. 6 fuel oil, and/or on-specification used oil.

Basic Oxygen Furnace (BOF):

Basic oxygen steel making is a method of primary steel making in which carbon-rich molten pig iron is made into steel. Blowing oxygen through molten pig iron lowers the carbon content of the alloy and changes it into low-carbon steel. The process is known as basic because fluxes of burnt lime or dolomite, which are chemical bases, are added to promote the removal of impurities and protect the lining of the converter. The BOF received hot metal from the blast furnaces, scrap steel, and additional recyclable additives. After it was removed from the blast furnaces, the hot metal was passed through a desulfurization process or was sent directly to the BOF. Pure oxygen was blown through a water-cooled lance to produce carbon monoxide, which accelerates the metallurgical reactions in the iron. After completion, the molten steel was poured into a ladle, where other alloying agents could be added.

Mould Yard:

When the BOF facilities were unable to receive the hot metals produced from the blast furnaces, the iron could be temporarily stored in the Mould Yard. The hot metal was poured on the ground and allowed to cool. Once it was cooled it could be broken into smaller pieces and then transferred to the BOF.

1.2. OBJECTIVES

The objective of this Phase II Investigation was to fully characterize the nature and extent of contamination at the Site. A summary table of the site investigation locations including the boring identification numbers and the analyses performed, is provided as **Appendix A**. This report includes a summary of the work performed, including the environmental setting, site investigation methods, analytical results and data usability assessment, and findings and recommendations.

As specified in the approved Work Plan for Parcel B1, groundwater at the Site was investigated as described in the separate Area B Groundwater Investigation Work Plan (dated October 6, 2015), the final version of which was approved by the agencies on October 5, 2015. A separate Area B Groundwater Phase II Investigation Report has been submitted (Revision 0 dated September 30, 2016) to discuss the findings of the groundwater investigation.

2.0 ENVIRONMENTAL SETTING

2.1. LAND USE AND SURFACE FEATURES

The Tradepoint Atlantic property consists of the former Sparrows Point steel mill. According to the Phase I Environmental Site Assessment (ESA) prepared by Weaver Boos dated May 19, 2014, the property is zoned Manufacturing Heavy-Industrial Major (MH-IM). Surrounding property zoning classifications (beyond Tradepoint Atlantic) include the following: Manufacturing Light (ML); Resource Conservation (RC); Density Residential (DR); Business Roadside (BR); Business Major (BM); Business Local (BL); and Residential Office (RO). Light industrial and commercial properties are located northeast of the property and northwest of the property across Bear Creek. Residential areas of Edgemere and Fort Howard are located northeast of the property across Jones Creek and to the southeast across Old Road Bay, respectively. Residential and commercial areas of Dundalk are located northwest of the property across Bear Creek.

According to topographic maps provided by EAG, the Site is at a mean elevation of approximately 12 feet above mean sea level (amsl). Elevations in the parcel range between 0 and 25 feet over the entire parcel area. The central portion of the Site appears to be fairly consistent between 10 feet amsl and 14 feet amsl with the exception of several small mounds located in the interior of the Site. The surface elevation slopes sharply downward from approximately 11 feet amsl to sea level from the northwestern corner of the Site into Bear Creek. According to Figure B-2 of the Stormwater Pollution Prevention Plan (SWPPP) Revision 6 dated February 22, 2018, stormwater from the majority of the Site appears to flow toward National Pollution Discharge Elimination System (NPDES) Outfalls 013 and 014. The HCWWTP treats stormwater runoff from the drainage area leading to Outfall 014 prior to discharge. Stormwater runoff from the southeast corner of the parcel appears to drain to distant outfalls on the eastern edge of the property. These include Outfall 017 located within Parcel B7, and Outfall 001 located within Parcel B5 (at the mouth of the Pennwood Canal identified on **Figure 1**).

2.2. REGIONAL GEOLOGY

The Site is located within the Atlantic Coastal Plain Physiographic Province (Coastal Plain). The western boundary of the Coastal Plain is the "Fall Line", which separates the Coastal Plain from the Piedmont Plateau Province. The Fall Line runs from northeast to southwest along the western boundary of the Chesapeake Bay, passing through Elkton (MD), Havre de Grace (MD), Baltimore City (MD), and Laurel (MD). The eastern boundary of the Coastal Plain is the off-shore Continental Shelf.

The unconsolidated sediments beneath the Site belong to the Talbot Formation (Pleistocene), which is then underlain by the Cretaceous formations which comprise the Potomac Group

(Patapsco Formation, Arundel Formation and the Patuxent Formation). The Potomac Group formations are comprised of unconsolidated sediments of varying thicknesses and types, which may be several hundred feet to several thousand feet thick. These unconsolidated formations may overlie deeper Mesozoic and/or Precambrian bedrock. Depth to bedrock is approximately 700 feet within the Site.

2.3. SITE GEOLOGY

Groundcover at the Site is comprised of approximately 52% natural soils and 48% fill based on the approximate shoreline of the Sparrows Point Peninsula in 1916, as shown on **Figure 2** (adapted from Figure 2-20 in the Description of Current Conditions (DCC) Report prepared by Rust Environment and Infrastructure, dated January 1998).

In general, the encountered subsurface geology included natural soils, which included fine-grained sediments (clays and silts) and coarse-grained sediments (sands) with some slag fill materials interbedded with natural soils. Groundwater was observed in the soil borings at depths ranging from 1.3 to 14.8 feet below the ground surface (bgs) across the Site. Soil boring observation logs are provided in **Appendix B**. Please note that unless otherwise indicated, all Unified Soil Classification System (USCS) group symbols provided on the attached boring logs are from visual observations, and not from laboratory testing.

3.0 SITE INVESTIGATION

A total of 358 soil samples (from 183 boring locations) were collected for analysis as part of the Parcel B1 Phase II Investigation. Of the 358 samples, 357 samples were collected between March 7, 2016 and March 29, 2016, with a single supplemental sample collected roughly one year later on March 13, 2017. This Phase II Investigation utilized methods and protocols that followed the procedures included in the Quality Assurance Project Plan (QAPP) dated October 2, 2015 (updated April 5, 2016) approved by the agencies to support the investigation and remediation of the Tradepoint Atlantic property. Information regarding the project organization, field activities and sampling methods, sampling equipment, sample handling and management procedures, the selected laboratory and analytical methods, quality control and quality assurance procedures, investigation-derived waste (IDW) management methods, and reporting requirements are described in detail in the approved Parcel B1 Work Plan dated March 3, 2016, and the QAPP.

All site characterization activities were conducted under the property-wide health and safety plan (HASP) provided as Appendix D of the approved Work Plan.

3.1. SAMPLE TARGET IDENTIFICATION

Previous activities within and around the buildings and facilities located on the Tradepoint Atlantic property may have been historical sources of environmental contamination. If present, source areas were identified as targets for sampling through a careful review of historical documents. When a sampling target was identified, a boring was placed at or next to its location using GIS software (ArcMap Version 10.2.2).

Sampling targets included, as applicable, 1) Recognized Environmental Conditions (RECs) shown on the REC Location Map provided in Weaver Boos' Phase I ESA, 2) additional findings (non-RECs) from the Phase I ESA which were identified as potential environmental concerns, and 3) Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) identified from the DCC Report prepared by Rust Environment and Infrastructure. The following RECs were identified in the Parcel B1 Work Plan: Waste Oil Stabilization/Packing Area (REC 9A, Finding 233, also listed as SWMU 194) and Rolling Mills Impoundment (REC 9B, Finding 238). The following additional SWMUs or AOCs were identified in the Parcel B1 Work Plan: Former Diesel Fuel Spill Area (AOC G), Former Slab Cut-off Spill Area (AOC F), RCRA Regulated Storage Area (SWMU 193), and Rolling Mill Scale Pit (SWMU 92). Additional information regarding these features is presented in the approved Work Plan.

Four sets of historical drawings were also reviewed to identify potential sampling targets for the Site. These drawings included the 5000 Set (Plant Arrangement), the 5100 Set (Plant Index), the 5500 Set (Plant Sewer Lines), and a set of drawings indicating coke oven gas distribution drip

leg locations. Drip legs are points throughout the distribution system where coke oven gas condensate was removed from the gas pipelines. The condensate from the drip legs was typically discharged to drums, although it is possible some spilled out of the drums and on to the ground. There were 33 drip legs identified inside the boundary of Parcel B1. A summary of the specific drawings covering the Site is presented in **Table 1**.

Additional Findings (non-RECs) from the Phase I ESA or features on the historical drawings which were identified as potential environmental concerns were also reviewed and targeted as applicable. Sampling target locations were identified if the historical site drawings depicted industrial activities or a specific feature at a location that may have been a source of environmental contamination that impacted the Site. Based on the review of plant drawings and Phase I ESA documents (or based on direct agency guidance for additional features), sampling targets were identified at the Site that included the following: Coal Bins, an Electric Substation, Fuel/Oil/Lube Shops, Oil/Storage Tanks, a Glycol Tank, the Roll Shop, Scale Pits, Settle Basins, Soaking Pits, Spray Ponds, a Spray Water Strainer Room, a Transformer Storage Area, a Spare Parts Mat, the Locomotive Repair Building, the Roll Shop Storage Yard, the 160" Plate Mill, the 60" Plate Mill, and the East Processing Building. ARM received a list of former PCB-containing transformer equipment from Tradepoint Atlantic personnel. These possible PCB-containing equipment areas were targeted with additional soil borings.

A summary of the areas that were investigated, along with the applicable boring identification numbers and the analyses performed, has been provided as **Appendix A**. Additional sample locations were then added to fill in spatial gaps between proposed borings to provide complete coverage of the Site. During the completion of fieldwork, it was necessary to shift some borings from the approved locations given in the Work Plan, primarily due to access restrictions and/or refusal. **Table 2** provides the identification numbers of the field adjusted borings, the coordinates of the proposed and final locations, and the distance/direction of the field shifts.

The density of soil borings met the requirements set forth in QAPP Worksheet 17 – Sampling Design and Rationale. Parcel B1 contained a total of 111.0 acres without engineered barriers. Of the 106.4 acres with engineered barriers, 47.2 acres contained former building slabs and 59.2 acres consists of parking/roads. In accordance with the relevant sampling density requirements, a minimum of 40 soil borings were required to cover the area without engineered barriers, and a minimum of 20 soil borings were required to cover areas with barriers. A total of 60 borings were required to meet the density specification; however, 183 soil borings were completed during the Phase II Investigation.

3.2. SOIL INVESTIGATION

Continuous core soil borings were advanced at 183 locations across the Site to assess the presence or absence of soil contamination, and to assess the vertical distribution of any encountered contamination (**Figure 3**). The continuous core soil borings were advanced to

depths between 1 and 20 feet bgs using the Geoprobe® MC-7 Macrocore soil sampler (surface to 10 feet bgs) and the Geoprobe® D-22 Dual-Tube Sampler (depths >10 feet bgs). At each location, each soil core was visually inspected and screened with a hand-held photoionization detector (PID) prior to logging soil types. Soil boring logs have been included as **Appendix B,** and the PID calibration log has been included as **Appendix C**. Unless otherwise indicated, all USCS group symbols provided on the attached boring logs are from visual observations.

One shallow sample was collected from the 0 to 1 foot depth interval, and a deeper sample was collected from the 4 to 5 foot depth interval from each continuous core soil boring. One additional set of samples was also collected from the 9 to 10 foot depth interval if groundwater had not been encountered; however, these samples were held by the laboratory pending the analysis of the 0 to 1 and 4 to 5 foot depth interval samples, and were only analyzed for parameters that were detected in the 5 foot depth samples at concentrations above the Project Action Limits (PALs). If the PID or other field observations indicated contamination to exist at a depth greater than 3 feet bgs but less than 9 feet bgs, and was above the water table, the sample from the deeper 4 to 5 foot interval was shifted to the alternate depth interval. It should be noted that soil samples were not collected from a depth that was below the water table.

Soil sampling activities were conducted in accordance with the procedures and methods referenced in **Field Standard Operating Procedure (SOP) Numbers 008, 009, 012, and 013** provided in Appendix A of the QAPP. Down-hole soil sampling equipment was decontaminated after soil sampling had been concluded at a location, according to the procedures and methods referenced in **Field SOP Number 016** provided in Appendix A of the QAPP.

Soil samples were submitted to Pace Analytical Services, Inc. (PACE) and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) via USEPA Method 8260B, TCL semi-volatile organic compounds (SVOCs) via USEPA Methods 8270D and 8270D SIM, total petroleum hydrocarbon (TPH) diesel range organics (DRO) and gasoline range organics (GRO) via USEPA Methods 8015B and 8015D, Target Analyte List (TAL) Metals via 6010C and 7471C, hexavalent chromium via USEPA Method 7196A, and cyanide via USEPA Method 9012. Additionally, the shallow soil samples collected across the Site from the 0 to 1 foot bgs interval were also analyzed for polychlorinated biphenyls (PCBs) via USEPA Method 8082. The Work Plan requirements for analysis of TPH-DRO/GRO and/or Oil & Grease have evolved throughout the investigation process and changed several times since late-2015 under agency guidance. During the implementation of the Parcel B1 Work Plan, TPH-DRO/GRO analysis was required at every location, but Oil & Grease analysis was not required or completed (with the exception of the single sample collected in March 2017 which was analyzed for Oil & Grease via USEPA Method 9071). Sample containers, preservatives, and holding times for the sample analyses are listed in the QAPP Worksheet 19 & 30 – Sample Containers, Preservation, and Holding Times.

3.3. MANAGEMENT OF INVESTIGATION-DERIVED WASTE (IDW)

In accordance with **Field SOP Number 005** provided in Appendix A of the QAPP, potentially impacted materials, or IDW, generated during this Phase II Investigation was containerized in 55-gallon (DOT-UN1A2) drums. The types of IDW that were generated during this Phase II Investigation included the following:

- soil cuttings generated from soil borings;
- decontamination fluids; and
- used personal protective equipment

Following the completion of field activities, a composite sample was gathered from the Parcel B1 Phase II IDW soil drums for TCLP analysis. Following this analysis, the waste soil was characterized as non-hazardous. A list of all results from the soil TCLP procedure can be found in **Table 3**, which indicates no exceedances of TCLP criteria.

IDW drums containing aqueous materials were characterized by preparing composite samples from randomly selected drums. Each composite sample included aliquots from individual drums being staged on-site at the date of collection. A total of nine composite samples were collected for TCLP analysis from relevant aqueous drums, including decontamination fluids and/or purge water generated during the implementation of the separate Area B Groundwater Investigation within Parcel B1. A list of all results from the aqueous TCLP procedure can be found in **Table 4**, which indicates no exceedances of TCLP criteria.

The parcel specific IDW drum log from the Phase II investigation is included as **Appendix D**. All IDW procedures were carried out in accordance with methods referenced in the QAPP Worksheet 21 – Field SOPs and Appendix A of the QAPP.

4.0 ANALYTICAL RESULTS

4.1. SOIL CONDITIONS

Soil analytical results were screened against PALs established in the property-wide QAPP (or other direct guidance from the agencies; i.e. TPH/Oil & Grease) to determine PAL exceedances. PALs are generally based on the USEPA's Regional Screening Levels (RSLs) for the Composite Worker exposure to soil. The Composite Worker is defined by the USEPA as a long-term receptor exposed during the work day who is a full-time employee that spends most of the workday conducting maintenance activities (which typically involve on-site exposures to surface soils) outdoors.

The analytical results for the detected parameters are summarized and compared to the PALs in the attached **Table 5** (Organics) and **Table 6** (Inorganics). The laboratory Certificates of Analysis (including Chains of Custody) and Data Validation Reports (DVRs) have been included as electronic attachments. The DVRs contain a glossary of qualifiers for the final flags assigned to individual results in the attached summary tables.

4.1.1. Soil Conditions: Organic Compounds

As provided on **Table 5**, several VOCs were identified above the laboratory's method detection limits (MDLs) in the soil boring samples collected from across the Site. There were no VOCs detected above their respective PALs.

Table 5 provides a summary of SVOCs detected above the laboratory's MDLs in soil boring samples collected from across the Site. The PALs for relevant polynuclear aromatic hydrocarbons (PAHs) have been adjusted upward based on revised toxicity data published in the USEPA RSL Composite Worker Soil Table. Therefore, exceedances for PAHs are based on the adjusted PALs rather than those presented in the QAPP. Four SVOCs, all PAHs, were detected above their respective PALs. These SVOCs were benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and dibenz[a,h]anthracene. Of the SVOC exceedances, benzo[a]pyrene exceeded the PAL in the largest number of samples (32 total). The SVOC PAL exceedance locations and results have been provided on **Figure S-1**.

Shallow soil samples collected across the Site from the 0 to 1 foot bgs interval were also analyzed for PCBs. **Table 5** provides a summary of the PCBs detected above the laboratory's MDLs. Aroclor 1254, Aroclor 1260, and total PCBs exceeded their respective PALs in multiple locations (26 total) collected across the Site. None of the exceedances were above 50 mg/kg of total PCBs, with a maximum detection of 26.2 mg/kg in sample B1-030-SB-1 (which targeted a drip leg). The PCB PAL exceedance locations and results have been provided on **Figure S-2**.

Table 5 provides a summary of the TPH-DRO/GRO (and Oil & Grease) detections in the parcel. GRO was detected above the laboratory's MDL in multiple locations; however, no detections exceeded the PAL. DRO was detected above its PAL in only one sample (B1-172-SB-4) with a detection of 8,000 mg/kg. A sheen was noted on the corresponding soil boring log within the sample interval. Since there was only one sample with an exceedance of DRO, a designated figure showing this location is not provided. Only one sample (B1-172-SB-10) was analyzed for Oil & Grease, and did not exceed the PAL. This sample was collected during supplemental work in March 2017 roughly one year after the majority of the Parcel B1 Phase II Investigation fieldwork was completed.

4.1.2. Soil Conditions: Inorganic Constituents

Table 6 provides a summary of inorganic constituents detected above the laboratory's MDLs in the soil samples collected from across the Site. Six inorganic compounds (arsenic, hexavalent chromium, cobalt, lead, manganese, and vanadium) were detected above their respective PALs. Cobalt was only detected above the applicable PAL at a single isolated location (B1-101-SB-5). Arsenic was by far the most common inorganic exceedance (detected above the PAL in 304 soil samples), followed by manganese (detected above the PAL in 32 soil samples) and lead (detected above the PAL in 26 soil samples). The remaining two inorganic PAL exceedances (hexavalent chromium and vanadium) accounted for a total of 16 PAL exceedances. The inorganic PAL exceedance locations and results have been provided on **Figure S-3**.

4.1.3. Soil Conditions: Results Summary

Table 5 and **Table 6** provide summaries of the detected organic and inorganic compounds in the soil samples submitted for laboratory analysis, and **Figure S-1** through **Figure S-3** present summaries of the soil sample results that exceeded the PALs. **Table 7** provides a summary of results for all PAL exceedances in soil, including detection frequencies and maximum results. **Table 8** indicates which soil impacts (PAL exceedances) are associated with the specific targets listed in the Parcel B1 Work Plan. There were no detections of VOCs above the applicable PALs. PAL exceedances in soil within Parcel B1 consisted of six inorganics (arsenic, hexavalent chromium, cobalt, lead, manganese, and vanadium), four SVOCs (benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and dibenz[a,h]anthracene), three PCB groups (Aroclor 1254, Aroclor 1260, and total PCBs), and DRO.

Arsenic was detected above the PAL in most soil samples, and the highest arsenic detection was 402 mg/kg at sample location B1-014-SB-10. Manganese was detected above its PAL in 32 soil samples across the Site with the maximum detection at sample location B1-129-SB-1 (82,500 mg/kg). Lead was detected above its PAL in 26 samples with the highest detection of 16,200 mg/kg at sample location B1-005-SB-8. Lead detections exceeded 10,000 mg/kg at four sample locations (B1-005-SB-8, B1-051-SB-5, B1-091-SB-5, and B1-132-SB-5). Hexavalent chromium was detected above its PAL in 10 samples with the highest detection of 555 mg/kg at soil sample

location B1-117-SB-4.5. Vanadium was detected above the PALs in only six soil samples, and cobalt was detected above its PALs in only one sample (B1-101-SB-5). Of these less common exceedances (vanadium and cobalt), the maximum detections exceeded the PALs by approximate factors of 2. The maximum detections for benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and dibenz[a,h[anthracene were associated with a single sample (B1-028-SB-1). Dibenz[a,h]anthracene had an equal maximum detection in sample B1-078-SB-1. PCBs (total) were detected above the PAL in 26 samples with the highest detection of 26.2 mg/kg (B1-030-SB-1). Aroclor 1254 and Aroclor 1260 were detected above their individual PALs in seven locations and six locations, respectively.

Lead, PCBs, and TPH/Oil & Grease are subject to special requirements as designated by the agencies: lead results above 10,000 mg/kg are subject to additional delineation (and possible excavation), PCB results above 50 mg/kg are subject to delineation and excavation, and TPH/Oil & Grease results above 6,200 mg/kg should be evaluated for the potential presence and mobility of non-aqueous phase liquid (NAPL) in any future development planning:

- Concentrations of lead exceeded the delineation criterion of 10,000 mg/kg at four sample locations (B1-005-SB-8, B1-051-SB-5, B1-091-SB-5, and B1-132-SB-5). Therefore, delineation of lead was required at these locations. As documented in other reports submitted to, and approved by, the agencies, each of the elevated lead detections has been fully delineated and the impacts appear to be extremely limited. These delineation activities were completed outside of the scope of the original Phase II Investigation. The lead exceedances are discussed in greater detail in Section 4.4 (Supplemental Delineation Activities).

- Concentrations of PCBs did not exceed the mandatory excavation criterion of 50 mg/kg in any soil samples collected at the Site.

- DRO was detected above its PAL in only one sample (B1-172-SB-4) with a detection of 8,000 mg/kg. A total of three soil boring locations exhibited physical evidence of product (visible sheens or NAPL) in the soil cores (B1-088-SB, B1-172-SB, and B1-178-SB). These locations are discussed in greater detail in Section 4.3 (Summary of NAPL Observations). Each location should be considered for proximity to proposed utilities in any future development plans.

4.2. GROUNDWATER CONDITIONS – AREA B GROUNDWATER

As specified in the approved Parcel B1 Work Plan, groundwater at the Site was investigated as described in the separate Area B Groundwater Investigation Work Plan (dated October 6, 2015). The Area B Groundwater Phase II Investigation Report (Revision 0 dated September 30, 2016) has been submitted to discuss the detailed finding of this groundwater investigation. Groundwater results obtained during the separate investigation were screened against the PALs

established in the property-wide QAPP (or other direct guidance from the agencies) to determine exceedances. The complete findings of the groundwater investigation, including detection summary tables and exceedance figures, were provided in the referenced Phase II Investigation Report. A figure summarizing the shallow aqueous PAL exceedances (for all classes of compounds) in the vicinity of Parcel B1 is provided in **Appendix E**. The groundwater analytical results obtained from the intermediate and lower hydrogeologic zones are not relevant for this Parcel B1 Phase II Investigation but can be reviewed in the separate groundwater report.

Regarding the shallow groundwater exceedances, some of the PALs have been updated since the submission of the Area B Groundwater Phase II Investigation Report. In particular, the aqueous screening levels for some PAH constituents have been adjusted upward. Similar to the evaluation of soil data, the PALs for relevant PAHs have been modified based on revised toxicity data published in the USEPA RSL Resident Tapwater Table. Aqueous PAL exceedances in the shallow groundwater in the vicinity of Parcel B1 consisted of one VOC (chloroform), three SVOCs (naphthalene, benz[a]anthracene, and 1,4-dioxane), six inorganics including total/dissolved metals (cobalt, manganese, thallium, vanadium, hexavalent chromium, and cyanide), and DRO. For simplicity, the inorganic PAL exceedances shown on the figure do not include duplicate exceedances of total and dissolved metals at relevant sample locations. If both total and dissolved concentrations exceeded the PAL for a specific compound, the value for total metals is displayed on the figure for each sample.

Each permanent well sampled during the Area B Groundwater Investigation was checked for the potential presence of NAPL using an oil-water interface probe prior to sampling. During these checks, NAPL was not detected in any of the permanent monitoring wells.

Groundwater data were also screened to determine whether any individual sample results, or cumulative results summed by sample location, may exceed the USEPA Vapor Intrusion (VI) Screening Levels (Target Cancer Risk (TCR) of 1E-5 and Target Hazard Quotient (THQ) of 1) as determined by the Vapor Intrusion Screening Level (VISL) Calculator version 3.5 (https://www.epa.gov/vaporintrusion/vapor-intrusion-screening-levels-visls). The aqueous PALs specified in the QAPP are based upon drinking water use, which is not a potential exposure pathway for groundwater at the Site. There were no potential VI risks identified from the shallow groundwater sampling points located in the vicinity of Parcel B1. Total cyanide had previously been identified as a potential VI hazard in the Area B Groundwater Phase II Investigation Report at several locations, but the screening level for cyanide has since been adjusted upward by the USEPA, eliminating this concern.

4.3. SUMMARY OF NAPL OBSERVATIONS

Soil cores were screened for evidence of possible NAPL contamination during the completion of the Phase II soil borings in Parcel B1. During soil core screenings, several sample locations had physical evidence of possible product which was noted on the soil boring logs. The locations

with physical evidence of possible product (visible sheens or NAPL) included B1-088-SB, B1-172-SB, and B1-178-SB. The physical observations of NAPL during the initial Phase II Investigation in March 2016 (as indicated on the boring logs) were as follows:

- B1-088-SB: A sheen was observed in the soil core from 8 to 9 feet bgs, accompanied by a strong odor. A soil sample was collected from an intermediate interval (4 to 5 feet), above the observed sheen. Due to encountered groundwater a deeper sample was not collected from the impacted interval. The intermediate sample interval had detected DRO at 1,950 mg/kg.
- B1-172-SB: A sheen and accompanying odors were observed in the soil core from 3.3 to 4 feet bgs. A soil sample was collected from the intermediate interval (3 to 4 feet), corresponding to the observed sheen. Due to encountered refusal, a deep sample was not initially collected (although a 10-foot sample was later collected in March 2017 during the installation of a NAPL screening piezometer). The intermediate sample interval had detected DRO at 8,000 mg/kg (above the PAL of 6,200 mg/kg).
- B1-178-SB: Visible product (NAPL) and odors were noted in the soil core from 2.3 to 3.5 feet bgs. A soil sample was collected from the shallow interval (0 to 1 feet), above the observed impacts. Due to encountered refusal, intermediate and deep samples were not collected. The shallow sample interval had detected DRO at 769 mg/kg.

Based on these observations, temporary screening piezometers were installed at boring locations B1-088-SB and B1-172-SB to delineate and assess the potential mobility of free-phase product (NAPL) to groundwater. Due to equipment refusal during an attempted piezometer installation, location B1-178-SB was investigated further via the completion of a test pit.

The temporary screening piezometers were installed at borings locations B1-088-SB and B1-172-SB on March 13, 2017. Each screening piezometer was installed in accordance with standard specifications for temporary groundwater sample collection points. The piezometers were checked for the presence of NAPL using an oil-water interface probe immediately after installation, approximately 48 hours after installation, and again after at least 30 days. NAPL was not detected in any of the screening piezometers during any of the gauging checks, and no additional installations or delineation were warranted. Construction details and gauging data were presented in ARM's NAPL Piezometer Abandonment Notification Letter for Parcel B1 dated February 15, 2018. Both NAPL screening piezometers were proposed to be abandoned in the referenced letter. The MDE approved these locations for abandonment on February 26, 2018, but prior to abandonment both locations were observed to have been destroyed.

An attempt was made to install a piezometer at B1-178-SB, but it could not be completed due to multiple equipment refusals at 5 feet bgs or shallower. Due to the equipment refusals, location B1-178-SB was investigated further via the completion of a test pit which was coordinated with the MDE. The work was reported within ARM's Test Pitting Completion Letter dated

September 5, 2018 and associated Comment Response Letter dated December 20, 2018. The MDE approved the responses on the same day (December 20, 2018) and specified that no further action was required in this area.

4.4. SUPPLEMENTAL DELINEATION ACTIVITIES

Following completion of the Phase II Investigation, elevated concentrations of lead were identified in subsurface soil samples collected from borings B1-005-SB, B1-051-SB, B1-091-SB, and B1-132-SB. Outside of the scope of this initial Phase II Investigation, a Work Plan for the Delineation/Characterization of Lead Impacted Soil in Parcel B1 was submitted to the MDE and the USEPA on February 15, 2018. Following review of the proposed sampling approach, the Work Plan was formally approved by the agencies on February 26, 2018. Delineation activities were completed in accordance with the Work Plan, and the delineation results were presented in the Supplemental Investigation Report for Lead Impacted Soil in Parcel B1 dated December 20, 2018, which was approved by the MDE on January 17, 2019.

An elevated concentration of hexavalent chromium was identified in a subsurface soil sample collected from boring B1-117-SB. Outside of the scope of this initial Phase II Investigation, a Work Plan for the Delineation/Characterization of Hexavalent Chromium Impacted Soil at B1-117-SB was submitted to the MDE and the USEPA on April 19, 2018. Following review of the proposed sampling approach, the Work Plan was formally approved by the agencies on April 30, 2018. Delineation activities were completed in accordance with the Work Plan, and the delineation results are presented in the Supplemental Investigation Report for Hexavalent Chromium Impacted Soil at B1-117-SB dated February 26, 2019, which was approved by the MDE on March 7, 2019.

No further investigation is expected with respect to lead or hexavalent chromium in Parcel B1 at this time; however, the need for any additional action in the future will be contingent on future development planning, as determined by the risk assessments presented in Response and Development Work Plans.

5.0 DATA USABILITY ASSESSMENT

The approved property-wide QAPP specified a process for evaluating data usability in the context of meeting project goals. Specifically, the goal of the Phase II Investigation is to determine if potentially hazardous substances or petroleum products (VOCs, SVOCs, PCBs, TAL-metals, cyanide, or TPH-DRO/GRO) are present in Site media (soil) at concentrations that could pose an unacceptable risk to Site receptors. Individual results are compared to the PALs established in the QAPP (i.e., the most current USEPA RSLs) or based on other direct guidance from the agencies, to identify the presence of exceedances in the soil.

Quality assurance and quality control (QA/QC) samples were collected during field studies to evaluate field/laboratory variability. A summary of QA/QC samples associated with this investigation has been included as **Appendix F**. The following QA/QC samples were submitted for analysis to support the data validation:

- Trip Blank – at a rate of one per day
  - Soil – VOCs only
- Blind Field Duplicate – at a rate of one per twenty samples
  - Soil – VOCs, SVOCs, Metals, TPH-DRO, TPH-GRO, PCBs, Hexavalent Chromium, and Cyanide
- Matrix Spike/Matrix Spike Duplicate – at a rate of one per twenty samples
  - Soil – VOCs, SVOCs, Metals, TPH-DRO, TPH-GRO, PCBs, and Hexavalent Chromium
- Field Blank and Equipment Blank – at a rate of one per twenty samples
  - Soil – VOCs, SVOCs, Metals, TPH-DRO, TPH-GRO, Hexavalent Chromium, and Cyanide

The QA/QC samples were collected and analyzed in accordance with the QAPP Worksheet 12 – Measurement Performance Criteria, QAPP Worksheet 20 – Field Quality Control and QAPP Worksheet 28 – Analytical Quality Control and Corrective Action.

5.1. DATA VERIFICATION

A verification review was performed on documentation generated during sample collection and analysis. The verification included a review of field log books, field data sheets, and Chain of Custody forms to ensure that all planned samples were collected, and to ensure consistency with the field methods and decontamination procedures specified in the QAPP Worksheet 21 – Field SOPs and Appendix A of the QAPP. In addition, calibration logs were reviewed to ensure that field equipment was calibrated and/or checked once per day. The logs have been provided in **Appendix C** (PID calibration log).

The laboratory deliverables were reviewed to ensure that all records specified in the QAPP as well as necessary signatures and dates are present. Sample receipt records were reviewed to ensure that the sample condition upon receipt was noted, and any missing/broken sample containers (if any) were noted and reported according to plan. The data packages were compared to the Chains of Custody to verify that results were provided for all collected samples. The data package case narratives were reviewed to ensure that all exceptions (if any) are described.

5.2. DATA VALIDATION

USEPA Stage 2B data validation was completed for a representative 50% of the environmental sample analyses performed by PACE and supporting Level IV Data Package information by Environmental Data Quality Inc. (EDQI).

Sample analyses have undergone an analytical quality assurance review to ensure adherence to the required protocols. The Stage 2B review was performed as outlined in "Guide for Labeling Externally Validated Laboratory Analytical Data for Superfund Use", EPA-540-R-08-005. Results have been validated or qualified according to general guidance provided in "USEPA National Functional Guidelines for Inorganic Superfund Data Review (ISM02.1)", USEPA October 2013. Region III references this guidance for validation requirements. This document specifies procedures for validating data generated for Contract Laboratory Program (CLP) analyses. The approved QAPP dated October 2, 2015 (updated April 5, 2016) and the quality control requirements specified in the methods and associated acceptance criteria were also used to evaluate the non-CLP data.

Data validation has been completed for a representative 50% of all sample results, and the DVRs provided by EDQI have been included as electronic attachments. The USEPA has previously specified that results flagged with a "JB" qualifier are erroneous, and any such results should be revised to display the "B" qualifier only. EDQI reviews and corrects any "JB" qualified results during the data validation procedure. Therefore, any result originally flagged with a "JB" qualifier in the laboratory certificate is reported as a "B" qualified non-detect result in this Phase II Investigation Report. ARM has reviewed all non-validated laboratory reports (those which were not designated to be reviewed by EDQI) and applied the same validation correction to any relevant "JB" qualified results. ARM has also revised the non-validated results to eliminate any laboratory-specific, non-standardized qualifiers (L2, 6c, ip, 4c, etc.), which are customarily removed by EDQI during the validation procedure.

5.3. DATA USABILITY

The data were evaluated with respect to the quality control elements of precision, bias, representativeness, comparability, completeness, and sensitivity relative to data quality indicators and performance measurement criteria outlined in QAPP Worksheet 12 – Measurement

Performance Criteria. The following discussion details deviation from the performance measurement criteria, and the impact on data quality and usability.

The measurement performance criteria of precision and bias were evaluated in the data validation process as described in the DVRs provided as electronic attachments. Where appropriate, potential limitations in the results have been indicated through final data flags. These flags indicate whether particular data points were quantitative estimates, biased high/low, associated with blank contamination, etc. Individual data flags are provided with the results in the detection summary tables. A qualifier code glossary is included with each DVR provided by EDQI. Particular results may have been marked with the "R" flag if the result was deemed to be unreliable and was not included in any further data evaluation. A list of the soil results that were rejected during data validation has been provided in **Table 9**. A discussion of data completeness (the proportion of valid data) is included below.

Representativeness is a measure of how accurately and precisely the data describe the Site conditions. Representativeness of the samples submitted for analysis was ensured by adherence to standard sampling techniques and protocols, as well as appropriate sample preservation prior to analysis. Sampling was conducted in accordance with the QAPP Worksheet 21 – Field SOPs and Appendix A of the QAPP. Specific Field SOPs applicable to the assessment of representativeness include **Field SOP Numbers 008, 009, 010, 011, 017, and 024**. Review of the field notes and laboratory sample receipt records indicated that collection of soil at the Site was representative, with no significant deviations from the SOPs.

Comparability describes the degree of confidence in comparing two sets of data. Comparability is maintained across multiple datasets by the use of consistent sampling and analytical methods across multiple project phases. Comparability of sample results was ensured through the use of approved standard sampling and analysis methods outlined in the QAPP. QA/QC protocols help to maintain the comparability of datasets, and in this case were assessed via blind duplicates, blank samples, and spiked samples, where applicable. No deviations from the QAPP were noted in the dataset.

Sensitivity is a determination of whether the analytical methods and quantitation limits will satisfy the requirements of the project. The laboratory reports were reviewed to verify that reporting limits met the quantitation limits for specific analytes provided in QAPP Worksheet #15 – Project Action Limits and Laboratory-Specific Detection/Quantitation Limits. In general, the laboratory reporting limits met the detection and quantitation limits specified in the QAPP.

Completeness is expressed as a ratio of the number of valid data points to the total number of analytical data results. Non-usable ("R" flagged) data results were determined through the data validation process. The approved QAPP specifies that the completeness of data is assessed by professional judgement, but should be greater than or equal to 90%. Data completeness for each

compound is provided in **Appendix G**. This evaluation of completeness includes only the representative 50% of sample results which were randomly selected for validation.

The only soil analytes with overall completeness values below 90% were bromomethane, 1,4-dioxane, benzaldehyde, 2,4-dinitrophenol, pentachlorophenol, 2,3,4,6-tetrachlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 2,4-dichlorophenol, 2-chlorophenol, 2-methylphenol, 3&4-methylphenol (m&p cresol), phenol, and 2,4-dimethylphenol. Since 2,3,4,6-tetrachlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 2,4-dichlorophenol, 2-chlorophenol, 2-methylphenol, 3&4-methylphenol (m&p cresol), phenol, and 2,4-dimethylphenol had completeness scores very close to the 90% goal (87.5% or above), these are not considered to be significant data gaps. Only bromomethane, 1,4-dioxane, benzaldehyde, 2,4-dinitrophenol, and pentachlorophenol had completeness ratios below 87.5%.

Completeness values of 83.5% and 86.4% were computed for 2,4-dinitrophenol and pentachlorophenol, respectively. Of these two compounds, only pentachlorophenol had any detections in the parcel, with three low-level values below the PAL. Benzaldehyde had a completeness ratio of 59.1%, and had a substantial number of detections in soil (85 validated detections and 137 total detections). However, all detections were significantly below the PAL (120,000 mg/kg) with a maximum detection of 0.3 mg/kg. A large proportion of the bromomethane soil dataset was rejected (completeness of 6.3% with 165 rejected results), and nearly the full validated dataset for 1,4-dioxane was rejected, but there were no detections of either compound in soil throughout Parcel B1. Based on the infrequency and low magnitude of detections for these compounds, bromomethane, 1,4-dioxane, benzaldehyde, 2,4-dinitrophenol, and pentachlorophenol do not appear to represent significant data gaps.

Overall, the soil data can be used as intended, and no significant data gaps were identified. While a limited set of compounds did not meet the completeness goal of 90%, these compounds do not appear to be significant contaminants at the Site.

6.0 FINDINGS AND RECOMMENDATIONS

The objective of this Phase II Investigation was to fully characterize the nature and extent of contamination at the Site. During the Phase II Investigation, a total of 358 soil samples (all locations/depths) were collected and analyzed to define the nature and extent of contamination in Parcel B1. The sampling and analysis plan for the parcel was developed to target specific features which represented a potential release of hazardous substances and/or petroleum products to the environment. Soil boring samples were analyzed for TCL-VOCs, TCL-SVOCs, TPH-DRO/GRO, TAL-Metals, hexavalent chromium, and cyanide. One sample collected during supplemental work in March 2017 (B1-172-SB-10) was analyzed for Oil & Grease. Shallow soil samples from across the site (0 to 1 foot bgs) were analyzed for PCBs.

6.1. SOIL

The concentrations of constituents in the soil have been characterized by the Phase II Investigation to provide estimates of exposure point concentrations to support risk assessment.

No total PCB concentrations were identified in Parcel B1 above the 50 mg/kg level that would warrant evaluation of a removal remedy. Four detections of lead exceeded 10,000 mg/kg (B1-005-SB-8, B1-051-SB-5, B1-091-SB-5, and B1-132-SB-5), warranting additional assessment and characterization activities. Additional delineation of elevated lead was performed at these locations. The delineation results were presented in the Supplemental Investigation Report for Lead Impacted Soil in Parcel B1 dated December 20, 2018, which was approved by the MDE on January 17, 2019. The results of the delineation indicated that the elevated concentrations appear to be extremely limited, and no further action is proposed at this time.

There were no soil PAL exceedances or concerns related to VOCs indicating that these compounds are not significant contaminants in soil at the Site. Exceedances of the PALs in soil within Parcel B1 consisted of six inorganics (arsenic, cobalt, manganese, lead, vanadium, and hexavalent chromium), four SVOCs (benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and dibenz[a,h]anthracene), three PCB groups (Aroclor 1254, Aroclor 1260, and total PCBs), and DRO. Arsenic was the most common inorganic exceedance, and was detected above the PAL in the majority of soil samples analyzed at the Site (304 total). The maximum detection of arsenic was 402 mg/kg at sample location B1-014-SB-10. Benzo[a]pyrene exceeded the PAL in the largest number of samples (32 total) of any SVOC. The maximum detection of benzo[a]pyrene was 37.6 mg/kg at sample location B1-028-SB-1 (and was co-located with maximum detections of benz[a]anthracene, benzo[b]fluoranthene, and dibenz[a,h]anthracene). PCBs (total) were detected above the PAL in 26 samples with the highest detection of 26.2 mg/kg in sample B1-030-SB-1. DRO was detected above its PAL in only one sample (B1-172-SB-4) with a detection of 8,000 mg/kg. This DRO exceedance location exhibited evidence of possible NAPL contamination in the corresponding soil core. Petroleum impacts, including a

discussion of the analytical exceedance of the DRO PAL as well as borings with physical evidence of NAPL observed in the soil cores, are further discussed in Section 6.3 (NAPL).

6.2. GROUNDWATER

Groundwater is not used on the Tradepoint Atlantic property (and is not proposed to be utilized); therefore, there is no potential for direct human exposure for a Composite Worker. In the event that future construction/excavation leads to a potential Construction Worker exposure to groundwater, health and safety plans should be implemented to limit exposure risk. Findings from the Area B Groundwater Phase II Investigation which include the groundwater data obtained within Parcel B1 are presented in the Area B Groundwater Phase II Investigation Report (Revision 0) dated September 30, 2016, which was submitted to the agencies for review. An aqueous PAL exceedance figure is provided in **Appendix E** to indicate the locations of any shallow groundwater exceedances from the Area B Groundwater Investigation.

The groundwater data were screened to determine whether any cumulative (or individual) sample results exceeded the USEPA VI TCR (carcinogen) or THQ (non-carcinogen) Screening Levels. Among the samples obtained during the separate Area B Groundwater Investigation, there were no potential VI risks identified from the permanent monitoring wells located in the vicinity of Parcel B1. Total cyanide had previously been identified as a potential VI risk in the Area B Groundwater Phase II Investigation Report, but the screening level for cyanide has since been adjusted upward by the USEPA, eliminating this concern.

6.3. NAPL

Soil cores were screened for evidence of possible NAPL contamination during the completion of the Phase II soil borings in Parcel B1. Three boring locations had physical evidence of possible product in the cores: B1-088-SB, B1-172-SB, and B1-178-SB. Elevated DRO was identified above the PAL (6,200 mg/kg) in only one soil sample collected from Parcel B1 (B1-172-SB-4 at 8,000 mg/kg), corresponding to an interval which was observed to be impacted by a sheen, but not free-phase product.

None of the permanent monitoring groundwater wells installed in Parcel B1 for groundwater sampling during the Area B Groundwater Phase II Investigation showed any evidence of NAPL, nor did the temporary screening piezometers installed at boring locations B1-088-SB and B1-172-SB. NAPL was not detected in either temporary screening piezometer during standard gauging intervals (0-hour, 48-hour, and 30-day checks), and it was determined that mobile NAPL is not present in groundwater at quantities that are likely to migrate. Construction details and gauging data were presented in ARM's NAPL Piezometer Abandonment Notification Letter for Parcel B1 dated February 15, 2018.

Due to equipment refusal during an attempted piezometer installation, location B1-178-SB was investigated via the completion of a test pit. The work was coordinated with the MDE and reported within ARM's Test Pitting Completion Letter dated September 5, 2018 and associated Comment Response Letter dated December 20, 2018.

No additional action is recommended at this time with respect to the documented NAPL impacts in Parcel B1; however, each of the soil boring locations with evidence of NAPL and/or elevated DRO should be considered for proximity to proposed utilities in any future development plans. Appropriate protocols should be documented in a Response and Development Work Plan (as necessary) to prevent the mobilization of any product if future utilities are proposed in the vicinity of these impacts.

6.4. RECOMMENDATIONS

Sufficient investigation data has been collected to evaluate the nature and extent of possible constituents of concern in Parcel B1. The presence and absence of soil impacts within Parcel B1 have been adequately described and further site-wide investigation is not warranted to characterize overall conditions. Recommendations for the Site are as follows:

- Soil boring locations where concentrations of lead exceeded the delineation criterion of 10,000 mg/kg (B1-005-SB-8, B1-051-SB-5, B1-091-SB-5, and B1-132-SB-5) and one location with an elevated concentration of hexavalent chromium (555 mg/kg at B1-117-SB-4.5) warranted additional assessment. Delineation has been completed at each location with the results reported to the MDE within respective Supplemental Investigation Reports. No further action is expected with respect to lead or hexavalent chromium in Parcel B1 at this time; however, the need for any additional action will be contingent on future development planning, as determined by the risk assessments presented in Response and Development Work Plans.

- Soil boring locations with physical evidence of possible NAPL and/or elevated TPH detections (B1-088-SB, B1-172-SB, and B1-178-SB) should be considered for proximity to proposed utilities in any future development plans. If future utilities are proposed in the vicinity of these borings, appropriate protocols for the mitigation of potential product (NAPL) mobility should be specified in a Response and Development Work Plan.

7.0 REFERENCES

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FIGURES


Site Boundary
Parcel Boundaries
Private Property
Parcel A9
Parcel A5
Parcel A13
Parcel A7
Parcel A14
Parcel A11
Parcel A8
Parcel A12
Parcel A2
Parcel A15
Parcel A17
Parcel A18
Parcel A16
Parcel A6
Parcel A4
Parcel A10
Parcel A3
Parcel A1
Parcel B6
Parcel B8
Parcel B14
Parcel B22
Parcel B16
Parcel B21
Parcel B15
Parcel B24
Parcel B23
Parcel B25
Parcel B7
Parcel B1
Parcel B2
Parcel B3
Parcel B17
Parcel B19
Pennwood Canal
Parcel B4
Parcel B5
Parcel B9
Parcel B18
Parcel B10
Parcel B13
Parcel B20
Parcel B11
Parcel B12
Tradepoint Atlantic
Area A and Area B Parcels
June 21, 2018
Figure
1
ARM Group Inc.
Engineers and Scientists
0 500 1,000 2,000
Feet
Tradepoint Atlantic
Baltimore County, MD
EnviroAnalytics Group
Area A: Project 150298M
Area B: Project 150300M
Development: Project 160443M

Site Boundary

Parcel Boundaries

1916 Shoreline:

Land

Marsh

Water

Parcel A9

Parcel A5

Parcel A13

Parcel A7

Parcel A14

Greys Creek

Bear Creek

Parcel A11

Parcel A8

Parcel A12

Parcel A2

Parcel A15

Parcel A17

Parcel A18

Parcel A16

Parcel A6

Parcel A3

Parcel A4

Parcel A10

Parcel A1

Parcel B6

Humphrey Creek

Parcel B8

Parcel B14

Parcel B21

Parcel B22

Parcel B16

Parcel B15

Parcel B24

Parcel B23

Parcel B25

Old Road Bay

Block House Cove

Parcel B7

Jones Creek

Parcel B1

Parcel B2

Parcel B3

Parcel B17

Parcel B19

Parcel B4

Parcel B5

Parcel B9

Parcel B18

Parcel B10

Parcel B13

Parcel B20

Parcel B11

Parcel B12

Patapsco River

Approximate Shoreline 1916

June 21, 2018

Adapted from Figure 2-20 of the Description of Current Conditions Report prepared by Rust Environmental and Infrastructure, dated January 1998

Figure 2

ARM Group Inc.
Engineers and Scientists

0 500 1,000 2,000 Feet

Tradepoint Atlantic

Baltimore County, MD

EnviroAnalytics Group

Area A: Project 150298M
Area B: Project 150300M
Development: Project 160443M

Parcel B15

Parcel B16

Parcel B21

Parcel B23

Parcel B1

Parcel B2

Parcel B17

Parcel B4

Parcel B5

B1-140-SB
B1-069-SB
B1-070-SB
B1-153-SB
B1-139-SB
B1-138-SB
B1-157-SB
B1-136-SB
B1-077-SB
B1-027-SB
B1-026-SB
B1-023-SB
B1-024-SB
B1-078-SB
B1-028-SB
B1-025-SB
B1-084-SB
B1-083-SB
B1-174-SB
B1-010-SB
B1-009-SB
B1-008-SB
B1-007-SB
B1-005-SB
B1-011-SB
B1-006-SB
B1-147-SB
B1-012-SB
B1-168-SB
B1-169-SB
B1-170-SB
B1-178-SB
B1-130-SB
B1-181-SB
B1-155-SB
B1-182-SB
B1-171-SB
B1-014-SB
B1-013-SB
B1-172-SB
B1-173-SB
B1-015-SB
B1-016-SB
B1-081-SB
B1-082-SB
B1-141-SB
B1-131-SB
B1-179-SB
B1-180-SB
B1-002-SB
B1-183-SB
B1-001-SB
B1-096-SB
B1-095-SB
B1-066-SB
B1-065-SB
B1-068-SB
B1-067-SB
B1-149-SB
B1-162-SB
B1-075-SB
B1-076-SB
B1-063-SB
B1-163-SB
B1-164-SB
B1-064-SB
B1-150-SB
B1-106-SB
B1-104-SB
B1-105-SB
B1-103-SB
B1-022-SB
B1-021-SB
B1-114-SB
B1-111-SB
B1-112-SB
B1-061-SB
B1-062-SB
B1-113-SB
B1-042-SB
B1-041-SB
B1-120-SB
B1-040-SB
B1-039-SB
B1-034-SB
B1-033-SB
B1-036-SB
B1-035-SB
B1-020-SB
B1-019-SB
B1-037-SB
B1-038-SB
B1-043-SB
B1-044-SB
B1-018-SB
B1-017-SB
B1-142-SB
B1-143-SB
B1-004-SB
B1-003-SB
B1-127-SB
B1-128-SB
B1-129-SB
B1-126-SB
B1-101-SB
B1-089-SB
B1-102-SB
B1-086-SB
B1-090-SB
B1-085-SB
B1-134-SB
B1-132-SB
B1-133-SB
B1-092-SB
B1-124-SB
B1-123-SB
B1-091-SB
B1-122-SB
B1-160-SB
B1-125-SB
B1-161-SB
B1-159-SB
B1-121-SB
B1-099-SB
B1-100-SB
B1-115-SB
B1-045-SB
B1-046-SB
B1-048-SB
B1-047-SB
B1-050-SB
B1-049-SB
B1-144-SB
B1-154-SB
B1-152-SB
B1-137-SB
B1-151-SB
B1-177-SB
B1-094-SB
B1-093-SB
B1-080-SB
B1-079-SB
B1-146-SB
B1-165-SB
B1-166-SB
B1-167-SB
B1-116-SB
B1-119-SB
B1-051-SB
B1-052-SB
B1-176-SB
B1-175-SB
B1-087-SB
B1-088-SB
B1-109-SB
B1-107-SB
B1-110-SB
B1-059-SB
B1-117-SB
B1-098-SB
B1-060-SB
B1-108-SB
B1-097-SB
B1-073-SB
B1-057-SB
B1-074-SB
B1-058-SB
B1-072-SB
B1-071-SB
B1-118-SB
B1-156-SB
B1-055-SB
B1-056-SB
B1-053-SB
B1-054-SB
B1-135-SB
B1-158-SB
B1-148-SB
B1-145-SB
B1-031-SB
B1-032-SB
B1-030-SB
B1-029-SB

Parcel B1 Soil Borings Final Field Sample Locations February 8, 2017	Figure 3
EnviroAnalytics Group	Tradepoint Atlantic
ARM Project 150300M	Baltimore County, MD

ARM Group Inc.
Earth Resource Engineers and Consultants

0 62.5 125 250
Feet

Phase II Borings
Parcel Boundary

Parcel B15

Parcel B16

Parcel B21

Parcel B23

Parcel B1

Parcel B2

Parcel B17

Parcel B4

Parcel B5

B1-140-SB-1
B1-140-SB-5
B1-069-SB-1
B1-069-SB-8
B1-070-SB-1
B1-153-SB-1
B1-153-SB-5
B1-139-SB-1
B1-139-SB-5
B1-138-SB-1
B1-138-SB-7.5
Benzo[a]pyrene: 3.6
B1-157-SB-1
B1-157-SB-8
B1-136-SB-1
B1-136-SB-5
B1-024-SB-1
B1-024-SB-5
B1-023-SB-1
B1-023-SB-4
B1-077-SB-1
B1-077-SB-4
B1-027-SB-1
B1-026-SB-1
B1-026-SB-7.5
B1-025-SB-1
B1-078-SB-1
Benz[a]anthracene: 27.1
Benzo[a]pyrene: 24.6 J
Benzo[b]fluoranthene: 25.3 J
Dibenz[a,h]anthracene: 3.3 J
B1-078-SB-4
B1-028-SB-1
Benz[a]anthracene: 48.2
Benzo[a]pyrene: 37.6
Benzo[b]fluoranthene: 48.0
Dibenz[a,h]anthracene: 3.3 J
B1-028-SB-4
B1-083-SB-1
B1-084-SB-1
B1-084-SB-4
B1-174-SB-1
B1-174-SB-4
B1-134-SB-1
B1-134-SB-5
B1-132-SB-1
Benzo[a]pyrene: 5.0 J
B1-132-SB-5
B1-135-SB-1
B1-135-SB-5
B1-011-SB-1
B1-011-SB-7
B1-010-SB-1
B1-010-SB-5
B1-007-SB-1
B1-007-SB-5
B1-005-SB-1
B1-005-SB-8
B1-006-SB-1
B1-006-SB-5
B1-008-SB-1
B1-008-SB-7.5
B1-147-SB-1
B1-147-SB-5
B1-133-SB-1
B1-133-SB-5
B1-122-SB-1
Benzo[a]pyrene: 2.6
B1-124-SB-1
Benzo[a]pyrene: 2.5 J
B1-123-SB-1
Benzo[a]pyrene: 3.9
B1-012-SB-1
B1-012-SB-9
B1-009-SB-1
B1-009-SB-5
B1-092-SB-1
B1-092-SB-5
B1-091-SB-1
B1-091-SB-5
B1-125-SB-1
B1-158-SB-1
B1-158-SB-4.5
B1-168-SB-1
B1-168-SB-5
B1-169-SB-1
B1-169-SB-5
B1-170-SB-1
B1-178-SB-1
B1-181-SB-1
Benzo[a]pyrene: 6.8 J
B1-181-SB-8
B1-182-SB-1
B1-182-SB-8
B1-182-SB-10
B1-155-SB-1
B1-155-SB-5
B1-160-SB-1
B1-160-SB-5
B1-161-SB-1
B1-121-SB-1
B1-159-SB-1
Benzo[a]pyrene: 2.3 J
B1-159-SB-5
B1-130-SB-1
Benzo[a]pyrene: 2.8
B1-130-SB-9
B1-014-SB-1
B1-014-SB-5
Benzo[a]pyrene: 3.1 J
B1-014-SB-10
B1-013-SB-1
B1-013-SB-9
B1-171-SB-1
B1-172-SB-1
Benzo[a]pyrene: 2.8
B1-172-SB-4
B1-173-SB-1
B1-173-SB-8
B1-148-SB-1
B1-015-SB-1
B1-015-SB-9
B1-016-SB-1
B1-016-SB-5
B1-081-SB-1
B1-081-SB-4.5
B1-082-SB-1
B1-082-SB-5
B1-141-SB-1
B1-131-SB-1
B1-131-SB-4
B1-152-SB-1
B1-152-SB-4
Benzo[a]pyrene: 5.5
B1-137-SB-1
B1-137-SB-5
B1-096-SB-1
B1-096-SB-4
B1-096-SB-10
B1-179-SB-1
B1-179-SB-9
B1-002-SB-1
B1-002-SB-9
B1-180-SB-1
B1-183-SB-1
B1-183-SB-9.5
B1-151-SB-1
Benzo[a]pyrene: 7.2 J
Benzo[b]fluoranthene: 21.2 J
B1-151-SB-5
B1-109-SB-1
B1-109-SB-4
B1-110-SB-1
B1-110-SB-5
B1-095-SB-1
B1-095-SB-4
B1-001-SB-1
B1-001-SB-9
B1-066-SB-1
B1-066-SB-9
B1-065-SB-1
B1-065-SB-4
B1-107-SB-1
B1-107-SB-5
B1-098-SB-1
B1-098-SB-5
B1-059-SB-1
B1-059-SB-7
B1-117-SB-1
B1-117-SB-4.5
B1-094-SB-1
B1-094-SB-7
B1-093-SB-1
Benzo[a]pyrene: 15.1
Benzo[b]fluoranthene: 35.7
B1-093-SB-5
Benzo[a]pyrene: 2.8
B1-108-SB-1
Benzo[a]pyrene: 3.9
B1-108-SB-4.5
B1-060-SB-1
B1-060-SB-5
B1-068-SB-1
B1-067-SB-1
B1-067-SB-9
B1-149-SB-1
B1-162-SB-1
B1-162-SB-4
B1-177-SB-1
B1-177-SB-5
B1-097-SB-1
B1-097-SB-5
B1-073-SB-1
B1-075-SB-1
B1-075-SB-4
B1-075-SB-10
B1-076-SB-1
B1-076-SB-4
Benzo[a]pyrene: 15.5
Benzo[b]fluoranthene: 27.9
Dibenz[a,h]anthracene: 3.1
B1-076-SB-10
B1-063-SB-1
B1-063-SB-5
B1-064-SB-1
B1-064-SB-5
B1-163-SB-1
B1-163-SB-4
Benzo[a]pyrene: 2.7 J
B1-163-SB-10
B1-164-SB-1
B1-164-SB-4
B1-080-SB-1
B1-080-SB-4
B1-079-SB-1
B1-079-SB-5
B1-058-SB-1
B1-058-SB-7.5
B1-057-SB-1
B1-057-SB-5
B1-072-SB-1
B1-072-SB-4
B1-071-SB-1
B1-071-SB-3
B1-074-SB-1
B1-074-SB-8
B1-156-SB-1
B1-156-SB-7
B1-146-SB-1
Benzo[a]pyrene: 2.5
B1-146-SB-5
B1-118-SB-1
B1-118-SB-5
B1-150-SB-1
B1-150-SB-8
B1-042-SB-1
B1-042-SB-5
B1-056-SB-1
B1-056-SB-7.5
B1-053-SB-1
B1-053-SB-7
B1-055-SB-1
B1-055-SB-6.5
B1-054-SB-1
B1-054-SB-5
B1-106-SB-1
B1-106-SB-5
B1-104-SB-1
B1-104-SB-5
B1-105-SB-1
B1-105-SB-5
B1-062-SB-1
B1-062-SB-6
B1-041-SB-1
B1-041-SB-8
B1-040-SB-1
Benzo[a]pyrene: 2.3 J
B1-040-SB-5
B1-099-SB-1
B1-099-SB-5
B1-100-SB-1
B1-100-SB-5
B1-165-SB-1
Benzo[a]pyrene: 4.5
B1-165-SB-9.5
B1-166-SB-9
B1-167-SB-1
B1-167-SB-5
Benzo[a]pyrene: 3.1
B1-022-SB-1
Benzo[a]pyrene: 11.2
B1-022-SB-5
B1-103-SB-1
B1-103-SB-5
B1-061-SB-1
B1-061-SB-7
B1-113-SB-1
B1-113-SB-5
Benzo[a]pyrene: 2.7
B1-116-SB-1
B1-116-SB-5
B1-119-SB-1
B1-119-SB-5
B1-048-SB-1
Benzo[a]pyrene: 3.2 J
B1-048-SB-7
B1-120-SB-1
B1-021-SB-1
B1-021-SB-5
B1-111-SB-1
B1-111-SB-4
B1-114-SB-1
B1-039-SB-1
B1-039-SB-5
B1-115-SB-1
Benzo[a]pyrene: 3.3 J
B1-051-SB-1
B1-051-SB-5
B1-145-SB-1
B1-145-SB-8.5
B1-112-SB-1
B1-112-SB-5
B1-020-SB-1
B1-020-SB-5
B1-049-SB-1
B1-049-SB-5
B1-034-SB-1
B1-034-SB-4
B1-033-SB-1
B1-033-SB-4
B1-035-SB-1
B1-035-SB-5
B1-036-SB-1
B1-036-SB-4
B1-037-SB-1
B1-037-SB-5
B1-037-SB-10
B1-043-SB-1
B1-043-SB-5
B1-044-SB-1
B1-044-SB-5
Benzo[a]pyrene: 2.5
B1-045-SB-1
B1-045-SB-5
B1-046-SB-1
B1-046-SB-6
B1-050-SB-1
B1-050-SB-6
B1-052-SB-1
B1-052-SB-5
B1-019-SB-1
B1-019-SB-5
B1-038-SB-1
B1-038-SB-5
B1-047-SB-1
B1-047-SB-5
Benz[a]anthracene: 25.3
Benzo[a]pyrene: 16.0
Benzo[b]fluoranthene: 37.9
B1-047-SB-10
B1-144-SB-1
B1-144-SB-5
B1-088-SB-1
B1-088-SB-5
Benzo[a]pyrene: 10.7
Dibenz[a,h]anthracene: 2.7
B1-087-SB-1
B1-087-SB-4
B1-031-SB-1
B1-031-SB-5
B1-030-SB-1
B1-030-SB-5
B1-032-SB-1
Benzo[a]pyrene: 2.2
B1-032-SB-5
B1-029-SB-1
B1-029-SB-5
B1-142-SB-1
B1-142-SB-5
B1-018-SB-1
B1-018-SB-5
B1-017-SB-1
B1-017-SB-5
B1-154-SB-1
B1-154-SB-5
B1-143-SB-1
B1-143-SB-4.5
B1-004-SB-1
B1-004-SB-5
B1-003-SB-1
B1-003-SB-5
B1-126-SB-1
B1-101-SB-1
B1-101-SB-5
B1-089-SB-1
B1-085-SB-1
B1-086-SB-1
B1-086-SB-5
B1-129-SB-1
B1-129-SB-5
B1-128-SB-1
B1-127-SB-1
B1-127-SB-6
B1-102-SB-1
B1-102-SB-4.5
B1-090-SB-1
B1-090-SB-6
B1-175-SB-1
B1-175-SB-7.5
B1-176-SB-1
B1-176-SB-4
Benzo[a]pyrene: 8.4

Parcel B1 Soil Borings
Phase II SVOC Exceedances (mg/kg)

July 12, 2019

Figure S-1

EnviroAnalytics Group	Tradepoint Atlantic
ARM Project 150300M	Baltimore County, MD

ARM Group Inc.
Earth Resource Engineers and Consultants

0 62.5 125 250 Feet

Phase II Borings
Parcel Boundary

Parcel B15

Parcel B16

Parcel B21

Parcel B23

Parcel B2

Parcel B1

Parcel B17

Parcel B4

Parcel B5

B1-140-SB-1
B1-069-SB-1
B1-070-SB-1
B1-153-SB-1
B1-139-SB-1
B1-138-SB-1
B1-024-SB-1
B1-023-SB-1
B1-077-SB-1
B1-027-SB-1
B1-026-SB-1
B1-078-SB-1
B1-028-SB-1
B1-025-SB-1
B1-157-SB-1
B1-136-SB-1
B1-084-SB-1
Arocior 1260: 6.77
PCBs (total): 6.77
B1-083-SB-1
B1-174-SB-1
B1-010-SB-1
B1-009-SB-1
B1-007-SB-1
B1-005-SB-1
B1-008-SB-1
B1-006-SB-1
B1-134-SB-1
B1-132-SB-1
PCBs (total): 1.172
B1-135-SB-1
B1-011-SB-1
B1-147-SB-1
B1-133-SB-1
PCBs (total): 1.174
B1-012-SB-1
B1-122-SB-1
PCBs (total): 0.979
B1-124-SB-1
PCBs (total): 1.038
B1-168-SB-1
B1-091-SB-1
B1-123-SB-1
B1-169-SB-1
B1-170-SB-1
B1-178-SB-1
B1-160-SB-1
B1-092-SB-1
B1-158-SB-1
B1-130-SB-1
B1-161-SB-1
B1-126-SB-1
B1-181-SB-1
B1-155-SB-1
B1-159-SB-1
PCBs (total): 1.262
B1-121-SB-1
B1-182-SB-1
B1-171-SB-1
B1-014-SB-1
B1-013-SB-1
B1-172-SB-1
B1-172-SB-4
B1-173-SB-1
B1-148-SB-1
B1-015-SB-1
PCBs (total): 1.498
B1-141-SB-1
B1-081-SB-1
B1-016-SB-1
B1-082-SB-1
B1-152-SB-1
B1-131-SB-1
B1-137-SB-1
Arocior 1254: 3.74
PCBs (total): 3.74
B1-179-SB-1
B1-180-SB-1
B1-183-SB-1
B1-002-SB-1
B1-001-SB-1
PCBs (total): 1.176
B1-151-SB-1
B1-059-SB-1
Arocior 1254: 1.28
PCBs (total): 1.589
B1-109-SB-1
B1-117-SB-1
B1-096-SB-1
B1-107-SB-1
B1-098-SB-1
B1-066-SB-1
B1-065-SB-1
B1-094-SB-1
B1-060-SB-1
PCBs (total): 1.226
B1-095-SB-1
B1-110-SB-1
B1-067-SB-1
B1-177-SB-1
B1-108-SB-1
B1-097-SB-1
Arocior 1254: 1.43
PCBs (total): 1.43
B1-149-SB-1
PCBs (total): 2.23
B1-068-SB-1
B1-162-SB-1
B1-073-SB-1
B1-057-SB-1
B1-063-SB-1
Arocior 1260: 2.43
PCBs (total): 2.43
B1-093-SB-1
B1-072-SB-1
B1-076-SB-1
B1-075-SB-1
B1-163-SB-1
B1-164-SB-1
Arocior 1260: 1.08
PCBs (total): 1.59
B1-058-SB-1
Arocior 1254: 2.4
PCBs (total): 2.915
B1-074-SB-1
B1-071-SB-1
B1-064-SB-1
Arocior 1260: 1.0
PCBs (total): 1.0
B1-118-SB-1
B1-080-SB-1
B1-156-SB-1
PCBs (total): 2.72
B1-079-SB-1
B1-146-SB-1
Arocior 1254: 1.01
PCBs (total): 1.328
B1-150-SB-1
B1-055-SB-1
B1-056-SB-1
B1-106-SB-1
B1-054-SB-1
B1-053-SB-1
B1-104-SB-1
B1-165-SB-1
B1-105-SB-1
B1-167-SB-1
Arocior 1260: 2.15
PCBs (total): 2.15
B1-103-SB-1
B1-061-SB-1
B1-042-SB-1
B1-062-SB-1
PCBs (total): 2.433
B1-041-SB-1
B1-099-SB-1
B1-100-SB-1
B1-022-SB-1
B1-021-SB-1
B1-116-SB-1
B1-119-SB-1
B1-114-SB-1
B1-111-SB-1
B1-112-SB-1
B1-113-SB-1
B1-040-SB-1
B1-120-SB-1
B1-115-SB-1
B1-145-SB-1
PCBs (total): 1.108
B1-034-SB-1
Arocior 1254: 3.16
PCBs (total): 4.22
B1-039-SB-1
PCBs (total): 1.674
B1-048-SB-1
B1-049-SB-1
B1-052-SB-1
B1-036-SB-1
B1-020-SB-1
B1-043-SB-1
B1-047-SB-1
B1-051-SB-1
B1-033-SB-1
B1-035-SB-1
B1-037-SB-1
B1-038-SB-1
B1-044-SB-1
B1-046-SB-1
B1-045-SB-1
B1-050-SB-1
B1-019-SB-1
PCBs (total): 18.4
B1-144-SB-1
B1-017-SB-1
B1-154-SB-1
B1-087-SB-1
B1-018-SB-1
B1-088-SB-1
B1-142-SB-1
B1-143-SB-1
B1-030-SB-1
Arocior 1254: 20.8
Arocior 1260: 5.4
PCBs (total): 26.2
B1-031-SB-1
B1-032-SB-1
B1-004-SB-1
B1-003-SB-1
B1-127-SB-1
B1-101-SB-1
B1-089-SB-1
B1-029-SB-1
B1-128-SB-1
B1-129-SB-1
B1-126-SB-1
B1-102-SB-1
B1-086-SB-1
B1-176-SB-1
B1-175-SB-1
B1-090-SB-1
B1-085-SB-1

Parcel B1 Soil Borings
Phase II PCB Exceedances (mg/kg)

February 7, 2017

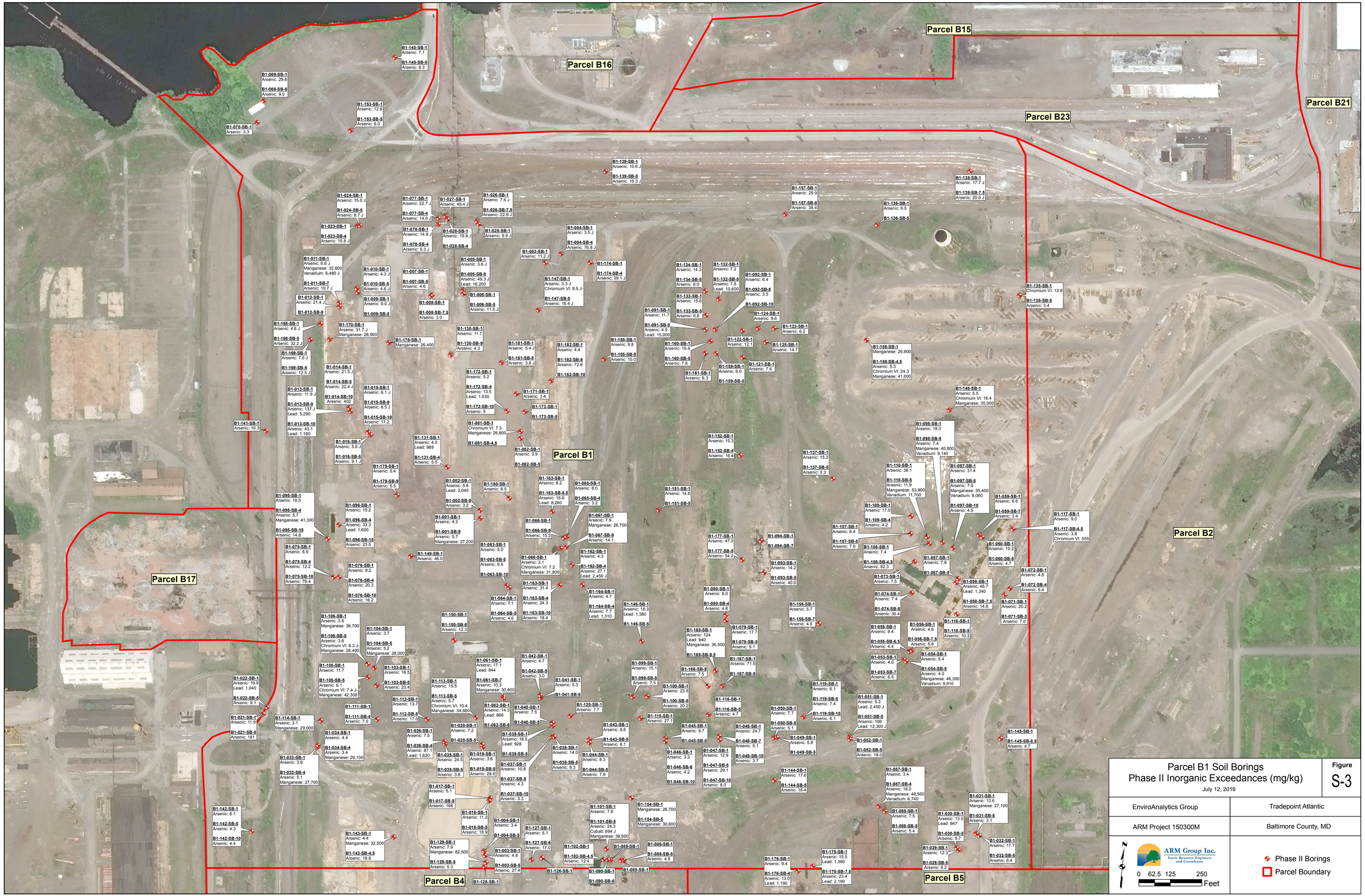
Figure S-2

EnviroAnalytics Group	Tradepoint Atlantic
ARM Project 150300M	Baltimore County, MD

ARM Group Inc.
Earth Resource Engineers and Consultants

0 62.5 125 250 Feet

Phase II Borings
Parcel Boundary



Parcel B1 Soil Borings
Phase II Inorganic Exceedances (mg/kg)

July 12, 2019

Figure S-3

EnviroAnalytics Group	Tradepoint Atlantic
ARM Project 150300M	Baltimore County, MD

ARM Group Inc.
Earth Resource Engineers and Consultants

0 62.5 125 250 Feet

Phase II Borings
Parcel Boundary

TABLES

TABLE 1
HISTORICAL SITE DRAWING DETAILS

Set Name	Typical Features Shown	Drawing Number	Original Date Drawn	Latest Revision Date
Plant Arrangement	Roads, water bodies, building/structure footprints, electric lines, above-ground pipelines (e.g.: steam, nitrogen, etc.)	5026	6/24/1958	3/11/1982
		5027	6/24/1959	3/11/1982
		5032	9/1/1958	3/11/1982
		5033	6/23/1958	3/11/1982
		5038	9/1/1958	3/11/1982
		5039	9/1/1958	3/11/1982
Plant Index	Roads, water bodies, demolished buildings/structures, electric lines, above-ground pipelines	5026	*Unknown*	9/27/2010
		5027	*Unknown*	8/14/2008
		5032	*Unknown*	8/15/2008
		5033	*Unknown*	7/9/2008
		5038	*Unknown*	1/10/2008
		5039	*Unknown*	1/16/2008
		5120-D	*Unknown*	8/13/2008
		5120-E	*Unknown*	8/11/2008
Plant Sewer Lines	Same as above plus trenches, sumps, underground piping (includes pipe materials)	5026	8/24/1959	3/19/1992
		5027	*Unknown*	9/10/2008
		5032	*Unknown*	6/1/1976
		5033	8/25/1959	6/8/1976
		5038	*Unknown*	2/10/1975
		5039	8/28/1959	2/21/1975
Drip Legs	Coke Oven Gas Drip Legs Locations	5885B	*Unknown*	Sept. 1988
		5886B	*Unknown*	Sept. 1988
		5887	*Unknown*	Sept. 1988
		5888	*Unknown*	Sept. 1988

TABLE 2
FIELD SHIFTED BORING LOCATIONS

Location ID	Sample Target	Proposed Location¥		Final Location¥		Relocation Distance & Direction	
		Northing	Easting	Northing	Easting		
B1-003-SB	Drip Legs	565533.3771	1457145.0742	565533.1546	1457161.6075	16	E
B1-004-SB	Drip Legs	565547.6388	1457142.3151	565550.7637	1457156.4524	14	E
B1-007-SB	Drip Legs	567721.6213	1456729.7489	567724.6670	1456721.5355	9	NW
B1-010-SB	Drip Legs	567716.8977	1456422.1560	567718.7915	1456419.8990	3	NW
B1-017-SB	Drip Legs	565764.7550	1457120.7656	565762.4412	1457159.2500	38	E
B1-018-SB	Drip Legs	565747.1700	1457122.3909	565751.9089	1457155.4840	33	E
B1-021-SB	Drip Legs	566016.9569	1456242.0138	566000.7352	1456227.8247	22	SW
B1-025-SB	Drip Legs	568023.1001	1456862.5660	568023.0326	1456874.8618	12	E
B1-026-SB	Drip Legs	568034.0777	1456860.7140	568033.9696	1456866.6488	6	E
B1-027-SB	Drip Legs	568083.7012	1456814.6496	568041.6624	1456739.4303	86	SW
B1-028-SB	Drip Legs	568074.3765	1456822.2632	568028.9200	1456750.4945	85	SW
B1-031-SB	Drip Legs	565825.2521	1459103.9630	565824.1416	1459090.5898	14	W
B1-033-SB	Drip Legs	565888.0298	1456458.4133	565891.9249	1456454.1076	6	NW
B1-057-SB	Drip Legs	566785.6818	1458893.1659	566822.1287	1458915.0270	43	SW
B1-058-SB	Drip Legs	566788.9604	1458886.7780	566805.3832	1458907.6099	27	SW
B1-063-SB	Drip Legs	566600.7035	1457137.7536	566606.7331	1457135.2538	7	NW
B1-065-SB	Drip Legs	566822.2481	1457350.5932	566825.8692	1457352.7167	4	NE
B1-068-SB	Drip Legs	566783.0982	1457345.7617	566777.9831	1457333.6376	13	W
B1-069-SB	Electric Substation	568410.5878	1455981.2298	568421.0000	1455975.0000	12	NW
B1-070-SB	Electric Substation	568355.9907	1455912.5617	568333.0406	1455959.1032	52	SE
B1-071-SB	Former Diesel Fuel Spill Area	566778.5505	1459111.3866	566777.3458	1459104.5958	7	W
B1-075-SB	Oil (Fuel/Lube) House or Shop	566585.6669	1456469.5662	566569.8118	1456449.1429	26	SW

TABLE 2
FIELD SHIFTED BORING LOCATIONS

Location ID	Sample Target	Proposed Location¥		Final Location¥		Relocation Distance & Direction	
		Northing	Easting	Northing	Easting		
B1-083-SB	Oil (Fuel/Lube) House or Shop	567945.9182	1457151.5420	567898.0836	1457153.4757	48	S
B1-094-SB	Roll Shop (containing oil vats)	566905.0669	1458129.5794	566890.4717	1458120.3740	17	SW
B1-096-SB	Scale Pit (Rolling Mill)	566803.5289	1456432.8508	566778.0532	1456447.6274	29	SE
B1-097-SB	Scale Pit - Other	566921.3493	1458865.1626	566941.6367	1458881.1906	26	NE
B1-098-SB	Scale Pit - Other	566941.5720	1458826.6541	566958.8650	1458837.9096	20	NE
B1-101-SB	Scale Pit - Other	565590.4822	1457637.8227	565610.9766	1457638.1976	20	N
B1-102-SB	Scale Pit - Other	565580.1354	1457638.9042	565567.4680	1457631.1405	15	SW
B1-104-SB	Scale Pit - Other	566217.0242	1456656.5316	566227.8573	1456646.8797	15	NW
B1-107-SB	Settle Basin	566997.1182	1458716.5776	566979.8521	1458708.0426	19	S
B1-108-SB	Settle Basin	566957.4998	1458791.9293	566948.6418	1458786.1645	11	S
B1-109-SB	Settle Basin	567010.0205	1458688.9708	567049.6408	1458703.4024	42	N
B1-110-SB	Settle Basin	566963.8662	1458777.1777	566975.1553	1458774.8348	11	N
B1-114-SB	Soaking Pits	566001.8690	1456461.7143	565999.5613	1456458.5566	4	SW
B1-115-SB	Soaking Pits	566144.0238	1457710.3966	566139.4682	1457718.8815	10	SE
B1-124-SB	Rolling Mills Impoundment	567727.0705	1458019.2743	567727.6365	1458020.4358	1	E
B1-126-SB	Spray Water Strainer Room	565574.8813	1457336.3082	565548.0366	1457388.7370	59	SE
B1-127-SB	Spray Water Strainer Room	565543.7544	1457343.7377	565535.6318	1457346.4434	9	S
B1-128-SB	Storage Tank - Unknown Contents	565488.6709	1457164.5217	565489.3893	1457164.4956	1	N
B1-129-SB	Storage Tank - Unknown Contents	565507.1533	1457161.7576	565506.8423	1457169.1103	7	E
B1-131-SB	Transformer Storage Area	567052.9679	1456859.7004	567049.9799	1456851.4188	9	E
B1-135-SB	Parcel Coverage	567963.1579	1459031.5565	567965.2641	1459039.4609	8	E
B1-138-SB	Parcel Coverage	568457.1332	1458793.0173	568436.0281	1458792.2727	21	S
B1-140-SB	Parcel Coverage	568674.9909	1456476.0419	568646.3918	1456475.2571	29	S
B1-141-SB	Parcel Coverage	567147.2918	1456193.1211	567119.4932	1456121.4958	77	W

TABLE 2
FIELD SHIFTED BORING LOCATIONS

Location ID	Sample Target	Proposed Location¥		Final Location¥		Relocation Distance & Direction	
		Northing	Easting	Northing	Easting		
B1-142-SB	Parcel Coverage	565555.0188	1456228.4155	565532.2499	1456231.1046	23	S
B1-143-SB	Parcel Coverage	565541.9702	1456894.2996	565568.9126	1456794.5267	103	NW
B1-148-SB	Parcel Coverage	567456.6768	1458806.2229	567484.7370	1458809.5072	28	E
B1-153-SB	Parcel Coverage	568320.3132	1456333.9666	568340.0000	1456331.0000	20	N
B1-157-SB	Parcel Coverage	568207.1027	1458080.3672	568189.6209	1458081.3390	18	S
B1-175-SB	Locomotive Repair Building	565628.5159	1458483.2243	565627.2237	1458460.0494	23	W
B1-176-SB	Locomotive Repair Building	565617.7569	1458388.8318	565602.2175	1458402.8260	21	SE
B1-178-SB	160" Plate Mill	567531.5642	1456586.7714	567518.5629	1456569.0230	22	SW

¥Reported northings and eastings are not survey accurate. Coordinates are reported in NAD 1983 Maryland State Plane (US feet).

TABLE 3 TCLP RESULTS FOR SOLID IDW					
Parameter	Result (mg/L)	Laboratory Flag	TCLP Limit (mg/L)	TCLP Exceedance	Laboratory LOQ (mg/L)
1,1-Dichloroethene	0.05	U	0.7	no	0.05
1,2-Dichloroethane	0.05	U	0.5	no	0.05
1,4-Dichlorobenzene	0.5	U	7.5	no	0.5
2,4,5-Trichlorophenol	5	U	400	no	5
2,4,6-Trichlorophenol	0.1	U	2	no	0.1
2,4-Dinitrotoluene	0.1	U	0.13	no	0.1
2-Butanone (MEK)	5	U	200	no	5
2-Methylphenol	2	U	200	no	2
3&4-Methylphenol(m&p Cresol)	2	U	200	no	2
Arsenic	0.0056	J	5	no	0.05
Barium	0.26	J	100	no	1
Benzene	0.05	U	0.5	no	0.05
Cadmium	0.0011	J	1	no	0.05
Carbon tetrachloride	0.05	U	0.5	no	0.05
Chlorobenzene	1	U	100	no	1
Chloroform	0.0041	J	6	no	0.5
Chromium	0.002	J	5	no	0.05
Hexachlorobenzene	0.1	U	0.13	no	0.1
Hexachloroethane	0.5	U	3	no	0.5
Lead	0.25	U	5	no	0.25
Mercury	0.001	U	0.2	no	0.001
Nitrobenzene	0.1	U	2	no	0.1
Pentachlorophenol	5	U	100	no	5
Selenium	0.1	U	1	no	0.1
Silver	0.05	U	5	no	0.05
Tetrachloroethene	0.05	U	0.7	no	0.05
Trichloroethene	0.05	U	0.5	no	0.05
Vinyl chloride	0.05	U	0.2	no	0.05

J = The positive result reported for this analyte is a quantitative estimate below the laboratory LOQ.
U = The analyte was not detected in the sample. The numeric value represents the sample LOQ.
TCLP = Toxicity characteristic leaching procedure
LOQ = Limit of Quantitation

Sample collected 3/22/2016

TABLE 4
TCLP RESULTS FOR LIQUID IDW

Location ID	Parameter	Result (mg/L)	TCLP Limit (mg/L)	TCLP Exceedance	Laboratory Flag	Laboratory LOQ (mg/L)
Water Disposal (7/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.0466	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.003	1	no	U	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.001	6	no	U	0.001
	Chromium	0.0011	5	no	J	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.0035	0.7	no		0.001
	Trichloroethene	0.003	0.5	no		0.001
	Vinyl chloride	0.001	0.2	no	U	0.001
Water Disposal 1 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.0338	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.0006	1	no	J	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.001	6	no	U	0.001
	Chromium	0.0016	5	no	J	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001

TABLE 4
TCLP RESULTS FOR LIQUID IDW

Location ID	Parameter	Result (mg/L)	TCLP Limit (mg/L)	TCLP Exceedance	Laboratory Flag	Laboratory LOQ (mg/L)
Water Disposal 2 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.0811	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.003	1	no	U	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.0029	6	no		0.001
	Chromium	0.0012	5	no	J	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001
Water Disposal 3 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.0051	100	no	J	0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.003	1	no	U	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.0016	6	no		0.001
	Chromium	0.00085	5	no	J	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001

TABLE 4
TCLP RESULTS FOR LIQUID IDW

Location ID	Parameter	Result (mg/L)	TCLP Limit (mg/L)	TCLP Exceedance	Laboratory Flag	Laboratory LOQ (mg/L)
Water Disposal 4 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.0094	5	no		0.005
	Barium	0.101	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.003	1	no	U	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.0024	6	no		0.001
	Chromium	0.0012	5	no	J	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001
Water Disposal 5 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.398	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.00058	1	no	J	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.0039	6	no		0.001
	Chromium	0.0012	5	no	J	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001

TABLE 4
TCLP RESULTS FOR LIQUID IDW

Location ID	Parameter	Result (mg/L)	TCLP Limit (mg/L)	TCLP Exceedance	Laboratory Flag	Laboratory LOQ (mg/L)
Water Disposal 6 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	2.14	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.001	1	no	J	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.00058	6	no	J	0.001
	Chromium	0.005	5	no	U	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001
Water Disposal 7 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.0889	100	no		0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.00067	1	no	J	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.00075	6	no	J	0.001
	Chromium	0.005	5	no	U	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.00065	0.5	no	J	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001

TABLE 4
TCLP RESULTS FOR LIQUID IDW

Location ID	Parameter	Result (mg/L)	TCLP Limit (mg/L)	TCLP Exceedance	Laboratory Flag	Laboratory LOQ (mg/L)
Water Disposal 8 (3/22/16)	1,1-Dichloroethene	0.001	0.7	no	U	0.001
	1,2-Dichloroethane	0.001	0.5	no	U	0.001
	1,4-Dichlorobenzene	0.001	7.5	no	U	0.001
	2-Butanone (MEK)	0.01	200	no	U	0.01
	Arsenic	0.005	5	no	U	0.005
	Barium	0.01	100	no	J	0.01
	Benzene	0.001	0.5	no	U	0.001
	Cadmium	0.003	1	no	U	0.003
	Carbon tetrachloride	0.001	0.5	no	U	0.001
	Chlorobenzene	0.001	100	no	U	0.001
	Chloroform	0.001	6	no	U	0.001
	Chromium	0.005	5	no	U	0.005
	Lead	0.005	5	no	U	0.005
	Mercury	0.0002	0.2	no	U	0.0002
	Selenium	0.008	1	no	U	0.008
	Silver	0.006	5	no	U	0.006
	Tetrachloroethene	0.001	0.7	no	U	0.001
	Trichloroethene	0.001	0.5	no	U	0.001
	Vinyl chloride	0.001	0.2	no	U	0.001

J = The positive result reported for this analyte is a quantitative estimate below the laboratory PQL.
U = The analyte was not detected in the sample. The numeric value represents the sample LOQ.
TCLP = Toxicity characterization leaching procedure
LOQ = Limit of Quantitation

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-001-SB-1*	B1-001-SB-9*	B1-002-SB-1*	B1-002-SB-9*	B1-003-SB-1	B1-003-SB-5	B1-004-SB-1	B1-004-SB-5	B1-005-SB-1	B1-005-SB-8	B1-006-SB-1	B1-006-SB-5	B1-007-SB-1*	B1-007-SB-5*	B1-008-SB-1*	B1-008-SB-7.5*	B1-009-SB-1	B1-009-SB-5	B1-010-SB-1	B1-010-SB-5
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0056 U	0.0054 U	**0.034**	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
1,2-Dichloroethane	mg/kg	2	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
2-Butanone (MEK)	mg/kg	190,000	0.011 U	0.011 U	0.013 U	**0.012 J**	0.0087 U	**0.0037 J**	0.011 U	0.0091 U	0.009 U	**0.029**	0.011 U	0.017 U	0.012 U	0.012 U	0.0096 U	0.011 U	0.013 U	**0.0054 J**	0.011 U	0.0094 U
2-Hexanone	mg/kg	1,300	0.011 U	0.011 U	0.013 U	0.019 U	0.0087 U	0.011 U	0.011 U	0.0091 U	0.009 U	0.011 U	0.011 U	0.017 U	0.012 U	0.012 U	0.0096 U	0.011 U	0.013 U	0.009 U	0.011 U	0.0094 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.011 U	0.011 U	0.013 U	0.019 U	0.0087 U	0.011 U	0.011 U	0.0091 U	0.009 U	0.011 U	0.011 U	0.017 U	0.012 U	0.012 U	0.0096 U	0.011 U	0.013 U	0.009 U	0.011 U	0.0094 U
Acetone	mg/kg	670,000	0.011 U	**0.028**	0.013 U	**0.015 J**	0.0072 B	0.014 B	**0.0054 J**	0.0091 UJ	0.009 UJ	**0.045 J**	0.011 UJ	0.0097 B	0.012 U	**0.0081 J**	0.0096 U	0.011 U	0.025 B	**0.032 J**	0.0067 B	0.0094 UJ
Benzene	mg/kg	5.1	0.0056 U	**0.017**	0.0065 U	**0.046**	0.0044 U	**0.0021 J**	0.0053 U	0.0045 U	0.0045 U	**0.021**	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Carbon disulfide	mg/kg	3,500	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Carbon tetrachloride	mg/kg	2.9	0.0056 U	0.0054 U	**0.012**	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Chloroform	mg/kg	1.4	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Cyclohexane	mg/kg	27,000	0.011 U	0.011 U	0.013 U	0.019 U	0.0087 U	0.011 U	0.011 U	0.0091 U	0.009 U	0.011 U	0.011 U	0.017 U	0.012 U	0.012 U	0.0096 U	0.011 U	0.013 U	0.009 U	0.011 U	0.0094 U
Ethylbenzene	mg/kg	25	0.0056 U	**0.0077**	0.0065 U	**0.011**	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	**0.0088**	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Isopropylbenzene	mg/kg	9,900	0.0056 U	**0.0025 J**	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Methyl Acetate	mg/kg	1,200,000	0.056 U	0.054 U	0.065 U	0.094 U	0.044 U	0.056 U	0.053 U	0.045 U	0.045 U	0.056 U	0.054 U	0.084 R	0.061 U	0.058 U	0.048 U	0.057 U	0.063 U	0.045 U	0.054 U	0.047 U
Methylene Chloride	mg/kg	1,000	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 UJ	0.0056 UJ	0.0054 UJ	0.0084 UJ	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 UJ	0.0047 UJ
Tetrachloroethene	mg/kg	100	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Toluene	mg/kg	47,000	0.0056 U	**0.013**	0.0065 U	**0.04**	**0.0024 J**	**0.0017 J**	0.0053 U	0.0045 U	0.0045 U	**0.022**	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Trichloroethene	mg/kg	6	0.0056 U	0.0054 U	0.0065 U	0.0094 U	0.0044 U	0.0056 U	0.0053 U	0.0045 U	0.0045 U	0.0056 U	0.0054 U	0.0084 U	0.0061 U	0.0058 U	0.0048 U	0.0057 U	0.0063 U	0.0045 U	0.0054 U	0.0047 U
Xylenes	mg/kg	2,800	0.017 U	**0.009 J**	0.02 U	**0.0076 J**	0.013 U	0.017 U	0.016 U	0.014 U	0.014 U	**0.0065 J**	0.016 U	0.025 U	0.018 U	0.017 U	0.014 U	0.017 U	0.019 U	0.013 U	0.016 U	0.014 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	**0.037 J**	0.073 U	**0.042 J**	0.083 U	0.072 U	**0.021 J**	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	**0.024 J**	0.086 U	**0.022 J**	0.073 U	**0.045 J**	**0.048 J**	0.079 U	**0.016 J**	0.081 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2,4,6-Trichlorophenol	mg/kg	210	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2,4-Dimethylphenol	mg/kg	16,000	**0.026 J**	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2,4-Dinitrophenol	mg/kg	1,600	0.19 U	0.18 U	0.18 U	0.21 U	0.18 UJ	0.18 UJ	0.19 UJ	0.18 UJ	0.19 UJ	0.19 UJ	0.2 UJ	0.2 R	0.22 U	0.17 U	0.18 U	0.18 U	0.19 UJ	0.2 U	0.19 UJ	0.2 U
2,4-Dinitrotoluene	mg/kg	7.4	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2-Chloronaphthalene	mg/kg	60,000	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2-Chlorophenol	mg/kg	5,800	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2-Methylnaphthalene	mg/kg	3,000	**0.25**	**0.0086**	**0.14**	**0.0025 J**	**0.037**	**0.069**	**0.017**	**0.015**	**0.028**	**0.029 J**	**0.044**	**0.12**	**0.032**	**0.13**	**0.051**	**0.021**	**0.085**	0.0077 U	**0.11**	**0.018**
2-Methylphenol	mg/kg	41,000	**0.02 J**	0.073 U	0.07 U	0.083 U	**0.038 J**	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
2-Nitroaniline	mg/kg	8,000	0.19 U	0.18 U	0.18 U	0.21 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.2 U	0.2 U	0.22 U	0.17 U	0.18 U	0.18 U	**0.022 J**	0.2 U	0.19 U	0.2 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	**0.044 J**	0.15 U	0.14 U	0.17 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.16 U	0.16 UJ	0.17 U	0.14 U	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 UJ	0.074 UJ	0.07 UJ	0.075 UJ	0.075 UJ	0.079 UJ	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 UJ	0.079 U	0.074 UJ	0.081 U
4-Chloroaniline	mg/kg	11	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
4-Nitroaniline	mg/kg	110	0.19 U	0.18 U	0.18 U	0.21 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.2 U	0.2 U	0.22 U	0.17 U	0.18 U	0.18 U	0.19 U	0.2 U	0.19 U	0.2 U
Acenaphthene	mg/kg	45,000	**0.04**	**0.0066 J**	**0.018**	0.0085 U	**0.0086**	**0.0093**	**0.0038 J**	**0.012**	**0.0049 J**	**0.014 J**	**0.014**	**0.021 J**	**0.012**	**0.0084**	**0.0032 J**	**0.0095**	**0.054 J**	0.0077 U	0.074 U	**0.0083**
Acenaphthylene	mg/kg	45,000	**0.057**	**0.0019 J**	**0.021**	**0.0008 J**	**0.051**	**0.082 J**	**0.014**	**0.014**	**0.066**	**0.07 J**	**0.25**	**0.047**	**0.008 J**	**0.04**	**0.0049 J**	**0.043**	**0.15**	0.0077 U	**0.03 J**	**0.0056 J**
Acetophenone	mg/kg	120,000	**0.02 J**	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	**0.024 J**	0.079 U	**0.024 J**	0.086 U	**0.02 J**	0.073 U	0.073 U	**0.022 J**	0.079 U	0.074 U	0.081 U
Anthracene	mg/kg	230,000	**0.27**	**0.0027 J**	**0.085**	0.0085 U	**0.14**	**0.047 J**	**0.02**	**0.054**	**0.07**	**0.025 J**	**0.23**	**0.13**	**0.032**	**0.056**	**0.016**	**0.084**	**0.72**	**0.001 J**	**0.046 J**	**0.053**
Benz[a]anthracene	mg/kg	21	**0.49**	**0.008**	**0.24**	**0.0043 J**	**0.27**	**0.18 J**	**0.064**	**0.21**	**0.11**	**0.078**	**0.46**	**0.35 J**	**0.079**	**0.18**	**0.039**	**0.35**	**1.5**	**0.0028 J**	**0.13**	**0.12**
Benzaldehyde	mg/kg	120,000	**0.037 J**	0.073 U	**0.055 J**	0.083 U	**0.027 J**	**0.045 J**	0.074 R	0.07 R	**0.046 J**	0.075 R	**0.022 J**	**0.027 J**	0.086 U	**0.043 J**	0.073 U	**0.02 J**	**0.032 J**	0.079 R	**0.038 J**	0.081 R
Benzo[a]pyrene	mg/kg	2.1	**0.64**	**0.0093**	**0.27**	**0.0034 J**	**0.2 J**	**0.25 J**	**0.071 J**	**0.19 J**	**0.17**	**0.13 J**	**0.75**	**0.38 J**	**0.095**	**0.2**	**0.044**	**0.44**	**1.7**	**0.0016 J**	**0.13**	**0.099**
Benzo[b]fluoranthene	mg/kg	21	**1.4**	**0.03**	**0.68**	**0.012**	**0.53 J**	**0.63 J**	**0.2 J**	**0.42 J**	**0.59**	**0.36 J**	**2.1 J**	**1**	**0.24**	**0.56**	**0.12**	**1**	**4.9**	**0.0057 J**	**0.36**	**0.24**
Benzo[g,h,i]perylene	mg/kg		**0.3**	**0.0039 J**	**0.19**	**0.003 J**	**0.13 J**	**0.17 J**	**0.027 J**	**0.044 J**	**0.12**	**0.14 J**	**0.31**	**0.11 J**	**0.064**	**0.086**	**0.03**	**0.2**	**1**	**0.0013 J**	**0.083**	**0.04**
Benzo[k]fluoranthene	mg/kg	210	**0.43**	**0.024**	**0.6**	**0.011**	**0.51 J**	**0.64 J**	**0.21 J**	**0.43 J**	**0.59**	**0.29 J**	**1.7 J**	**1**	**0.24**	**0.56**	**0.12**	**1**	**3.9**	**0.0046 J**	**0.29**	**0.2**
bis(2-Chloroethyl)ether	mg/kg	1	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	**0.058 J**	0.073 U	**0.52**	0.083 U	**0.18**	0.074 UJ	**0.23 J**	**0.079 J**	**0.18 J**	0.075 UJ	0.049 B	0.035 B	0.086 U	**0.028 J**	0.073 U	0.073 U	0.074 UJ	0.079 U	**0.16 J**	0.081 U
Caprolactam	mg/kg	400,000	0.19 U	0.18 U	0.18 U	0.21 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.2 U	0.2 U	0.22 U	0.17 U	0.18 U	0.18 U	0.19 U	0.2 U	0.19 U	0.2 U
Carbazole	mg/kg		**0.13**	0.073 U	**0.054 J**	0.083 U	0.072 U	**0.056 J**	0.074 U	0.07 U	0.075 U	0.075 U	**0.073 J**	**0.082 J**	0.086 U	**0.023 J**	0.073 U	**0.85**	**0.21 J**	0.079 U	0.074 UJ	0.081 U
Chrysene	mg/kg	2,100	**0.5**	**0.01**	**0.28**	**0.0037 J**	**0.24**	**0.21 J**	**0.089**	**0.22**	**0.15**	**0.17**	**0.55**	**0.44 J**	**0.09**	**0.28**	**0.049**	**0.33**	**1.8**	**0.0025 J**	**0.16**	**0.12**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.11**	0.0073 U	**0.053**	0.0085 U	**0.048 J**	**0.04 J**	**0.0099 J**	**0.021 J**	**0.034**	0.076 UJ	**0.11**	**0.045 J**	**0.018**	**0.034**	**0.0085**	**0.056**	**0.48**	0.0077 U	**0.029 J**	**0.025**
Diethylphthalate	mg/kg	660,000	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
Di-n-butylphthalate	mg/kg	82,000	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 UJ	0.079 U	0.074 UJ	0.081 U
Di-n-ocytlphthalate	mg/kg	8,200	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 UJ	0.074 UJ	0.07 UJ	0.075 UJ	0.075 UJ	0.079 UJ	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 UJ	0.079 U	0.074 UJ	0.081 U
Fluoranthene	mg/kg	30,000	**1**	**0.013**	**0.5**	**0.0035 J**	**0.52**	**0.24 J**	**0.12**	**0.33**	**0.16**	**0.069 J**	**0.54**	**0.5**	**0.16**	**0.34**	**0.084**	**0.59**	**2.5**	**0.0027 J**	**0.18**	**0.19**
Fluorene	mg/kg	30,000	**0.051**	**0.005 J**	**0.016**	0.0085 U	**0.014**	**0.013**	**0.0035 J**	**0.014**	**0.0056 J**	**0.018 J**	**0.014**	**0.02 J**	**0.012**	**0.0071**	**0.0037 J**	**0.013**	**0.065 J**	0.0077 U	**0.0095 J**	**0.01**
Hexachloroethane	mg/kg	8	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	**0.029 J**	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.3**	**0.0039 J**	**0.16**	0.0085 U	**0.12 J**	**0.1 J**	**0.024 J**	**0.046 J**	**0.1**	**0.086 J**	**0.32**	**0.12 J**	**0.053**	**0.078**	**0.024**	**0.18**	**1.1**	0.0077 U	**0.073 J**	**0.048**
Naphthalene	mg/kg	17	**0.14**	**0.013**	**0.083**	**0.0027 J**	**0.13**	**0.14 J**	**0.063**	**0.025**	**0.023**	**0.047 J**	**0.044**	**0.1**	**0.031**	**0.087**	**0.04**	**0.019**	**0.22**	0.0018 B	**0.1**	**0.017**
N-Nitrosodiphenylamine	mg/kg	470	0.075 U	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 U	0.086 U	0.069 U	0.073 U	0.073 U	0.074 UJ	0.079 U	0.074 UJ	0.081 U
Pentachlorophenol	mg/kg	4	0.19 U	0.18 U	0.18 U	0.21 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.2 U	0.2 R	0.22 U	0.17 U	0.18 U	0.18 U	0.19 UJ	0.2 U	0.19 UJ	0.2 U
Phenanthrene	mg/kg		**1.3**	**0.014**	**0.44**	**0.0046 J**	**0.3**	**0.12 J**	**0.059**	**0.18**	**0.063**	**0.068 J**	**0.17**	**0.37**	**0.14**	**0.2**	**0.086**	**0.26**	**1.9**	**0.0035 J**	**0.21**	**0.16**
Phenol	mg/kg	250,000	**0.023 J**	0.073 U	0.07 U	0.083 U	0.072 U	0.074 U	0.074 U	0.07 U	0.075 U	0.075 U	0.079 U	0.081 UJ	0.086 U	0.069 U	0.073 U	0.073 U	0.074 U	0.079 U	0.074 U	0.081 U
Pyrene	mg/kg	23,000	**0.99**	**0.01**	**0.46**	**0.0028 J**	**0.37**	**0.26 J**	**0.12**	**0.31**	**0.18**	**0.084**	**0.7**	**0.44**	**0.12**	**0.4**	**0.067**	**0.51**	**1.8**	**0.0033 J**	**0.16**	**0.15**
PCBs																						
Aroclor 1242	mg/kg	0.97	0.0522 U	N/A	0.0525 U	N/A	0.0554 U	N/A	0.0564 U	N/A	0.055 U	N/A	0.0572 U	N/A	0.0557 U	N/A	0.0554 U	N/A	0.0571 U	N/A	0.0543 U	N/A
Aroclor 1248	mg/kg	0.94	**0.269**	N/A	0.0525 U	N/A	0.0554 U	N/A	0.0564 U	N/A	0.055 U	N/A	0.0572 U	N/A	0.0557 U	N/A	0.0554 U	N/A	0.0571 U	N/A	0.0543 U	N/A
Aroclor 1254	mg/kg	0.97	0.0522 U	N/A	**0.108**	N/A	0.0554 U	N/A	0.0564 U	N/A	0.055 U	N/A	0.0572 U	N/A	0.0557 U	N/A	0.0554 U	N/A	0.0571 U	N/A	0.0543 U	N/A
Aroclor 1260	mg/kg	0.99	**0.907**	N/A	**0.225**	N/A	**0.0394 J**	N/A	0.0564 U	N/A	**0.0632**	N/A	**0.102**	N/A	0.0557 U	N/A	0.0554 U	N/A	0.0571 U	N/A	0.0543 U	N/A
Aroclor 1262	mg/kg		0.0522 U	N/A	0.0525 U	N/A	0.0554 U	N/A	0.0564 U	N/A	0.055 U	N/A	0.0572 U	N/A	0.0557 U	N/A	**0.0226 J**	N/A	0.0571 U	N/A	0.0543 U	N/A
Aroclor 1268	mg/kg		0.0522 U	N/A	0.0525 U	N/A	0.0554 U	N/A	0.0564 U	N/A	0.055 U	N/A	0.0572 U	N/A	**0.0433 J**	N/A	0.0554 U	N/A	0.0571 U	N/A	0.0543 U	N/A
PCBs (total)	mg/kg	0.97	1.176	N/A	**0.333**	N/A	**0.0394 J**	N/A	0.0564 U	N/A	**0.0632**	N/A	**0.102**	N/A	**0.0433 J**	N/A	**0.0226 J**	N/A	0.0571 U	N/A	0.0543 U	N/A
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**124**	**22.8**	**162**	**5 J**	**122**	**112**	**75.1**	**26.5**	**40.1**	**752**	**59.9**	**70.9 J**	**60.6**	**134**	**33.1**	**121**	**817**	**7.1 J**	**111**	**7.3 J**
Gasoline Range Organics	mg/kg	6,200	13.9 U	**40.3**	16.1 U	**15.3 J**	10.5 U	11.8 U	10.2 U	9.2 U	10.8 U	**8.1 J**	10.6 U	16.1 U	11.9 U	11.4 U	9.9 U	11.7 U	14.4 U	9.3 U	11.7 U	12.4 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-011-SB-1	B1-011-SB-7	B1-012-SB-1	B1-012-SB-9	B1-013-SB-1	B1-013-SB-9	B1-014-SB-1	B1-014-SB-5	B1-014-SB-10*	B1-015-SB-1	B1-015-SB-9	B1-016-SB-1	B1-016-SB-5	B1-017-SB-1	B1-017-SB-5	B1-018-SB-1	B1-018-SB-5	B1-019-SB-1*	B1-019-SB-5*	B1-020-SB-1*
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 U	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
1,2-Dichloroethane	mg/kg	2	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 U	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
2-Butanone (MEK)	mg/kg	190,000	0.012 U	**0.0049 J**	0.012 U	0.0091 U	0.015 U	0.013 U	0.023 U	0.014 U	N/A	**0.0089 J**	0.01 U	0.012 U	0.0085 U	0.0094 U	0.0099 UJ	0.0089 U	0.011 U	0.011 U	0.012 U	0.0095 U
2-Hexanone	mg/kg	1,300	0.012 U	0.013 U	0.012 U	0.0091 U	0.015 U	0.013 U	0.023 U	0.014 U	N/A	0.0099 U	0.01 U	0.012 U	0.0085 U	0.0094 U	0.0099 U	0.0089 U	0.011 U	0.011 U	0.012 U	0.0095 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.012 U	0.013 U	0.012 U	0.0091 U	0.015 U	0.013 U	0.023 U	0.014 U	N/A	0.0099 U	0.01 U	0.012 U	0.0085 U	0.0094 U	0.0099 U	0.0089 U	0.011 U	0.011 U	0.012 U	0.0095 U
Acetone	mg/kg	670,000	**0.014 J**	**0.016 J**	**0.027 J**	**0.0047 J**	**0.06 J**	0.013 UJ	**0.023 J**	**0.018 J**	N/A	**0.065 J**	0.01 UJ	0.012 UJ	**0.0057 J**	0.0094 U	0.0099 UJ	**0.0071 J**	0.011 UJ	0.011 U	0.012 U	0.033 B
Benzene	mg/kg	5.1	**0.0018 J**	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	**0.0027 J**	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Carbon disulfide	mg/kg	3,500	0.0062 U	0.0064 U	0.0061 UJ	0.0046 U	0.0075 UJ	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 UJ	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Carbon tetrachloride	mg/kg	2.9	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Chloroform	mg/kg	1.4	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	**0.0057**	0.0055 U	0.0061 U	0.0047 U
Cyclohexane	mg/kg	27,000	0.012 U	0.013 U	0.012 U	0.0091 U	0.015 U	0.013 U	0.023 U	**0.0049 J**	N/A	0.0099 U	**0.0058 J**	0.012 U	0.0085 U	0.0094 U	0.0099 UJ	0.0089 U	0.011 U	0.011 U	0.012 U	0.0095 U
Ethylbenzene	mg/kg	25	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 U	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Isopropylbenzene	mg/kg	9,900	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 U	**0.0039 J**	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Methyl Acetate	mg/kg	1,200,000	0.062 U	0.064 U	0.061 U	0.046 U	0.075 UJ	0.064 U	0.12 U	0.068 U	N/A	**0.043 J**	0.052 U	0.058 U	0.042 U	0.047 U	0.049 UJ	0.045 U	0.057 U	0.055 U	0.061 U	0.047 U
Methylene Chloride	mg/kg	1,000	0.0062 U	0.0064 U	0.0061 UJ	0.0046 U	**0.059 J**	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 UJ	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Tetrachloroethene	mg/kg	100	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 U	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Toluene	mg/kg	47,000	**0.0043 J**	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	**0.0048 J**	**0.0052 J**	N/A	0.005 U	**0.0041 J**	0.0058 U	0.0042 U	0.0047 U	0.0049 U	0.0045 U	0.0057 U	**0.0024 J**	**0.0019 J**	**0.0042 J**
Trichloroethene	mg/kg	6	0.0062 U	0.0064 U	0.0061 U	0.0046 U	0.0075 U	0.0064 U	0.012 U	0.0068 U	N/A	0.005 U	0.0052 U	0.0058 U	0.0042 U	0.0047 U	0.0049 UJ	0.0045 U	0.0057 U	0.0055 U	0.0061 U	0.0047 U
Xylenes	mg/kg	2,800	0.019 U	0.019 U	0.018 U	0.014 U	0.023 U	0.019 U	0.035 U	**0.0051 J**	N/A	0.015 U	0.016 U	0.017 U	0.013 U	0.014 U	0.015 U	0.013 U	0.017 U	0.017 U	0.018 U	0.014 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	**0.04 J**	0.077 U	**0.043 J**	0.074 U	**0.042 J**	0.08 U	**0.13**	**0.16**	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	**0.026 J**	0.074 U	**0.044 J**	0.074 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 R	0.081 UJ	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2,4,6-Trichlorophenol	mg/kg	210	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 R	0.081 UJ	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2,4-Dimethylphenol	mg/kg	16,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	**0.033 J**	**0.033 J**	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 R	0.081 UJ	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 UJ	0.19 UJ	0.38 U	0.19 UJ	0.2 R	0.2 UJ	0.19 UJ	0.18 UJ	N/A	0.18 UJ	0.18 UJ	0.19 UJ	0.18 UJ	0.19 R	0.2 UJ	0.19 UJ	0.18 UJ	0.19 U	0.2 U	0.19 U
2,4-Dinitrotoluene	mg/kg	7.4	0.073 U	0.077 U	0.15 U	0.074 U	0.078 UJ	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2-Chloronaphthalene	mg/kg	60,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2-Chlorophenol	mg/kg	5,800	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 R	0.081 UJ	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2-Methylnaphthalene	mg/kg	3,000	**0.1**	**0.071**	**0.21**	0.0075 U	**0.11**	**0.028**	**0.94**	**1.1**	**0.024**	**0.047**	**0.0035 J**	**0.14**	**0.023 J**	**0.021**	**0.029**	**0.094**	**0.16**	**0.03**	**0.25**	**0.031**
2-Methylphenol	mg/kg	41,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	**0.015 J**	**0.015 J**	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 R	0.081 UJ	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.19 U	0.38 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	N/A	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	0.15 U	0.3 U	0.15 U	0.16 U	0.16 U	**0.038 J**	**0.041 J**	N/A	0.15 U	0.14 U	0.15 U	0.15 U	0.15 R	0.16 UJ	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.073 UJ	0.077 UJ	0.15 U	0.074 U	0.078 UJ	0.08 U	0.075 UJ	0.073 UJ	N/A	0.073 UJ	0.071 U	0.075 UJ	0.074 UJ	0.075 UJ	0.081 U	0.075 UJ	0.074 UJ	0.074 U	0.079 U	0.074 U
4-Chloroaniline	mg/kg	11	0.073 U	0.077 U	0.15 UJ	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
4-Nitroaniline	mg/kg	110	0.18 U	0.19 U	0.38 U	0.19 U	0.2 UJ	0.2 U	0.19 U	0.18 U	N/A	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.018**	**0.0046 J**	**0.013**	0.0075 U	**0.021**	**0.0027 J**	**0.082**	**0.68**	**0.0012 J**	**0.01**	**0.0013 J**	**0.011**	0.073 U	**0.0032 J**	**0.028**	**0.013**	**0.014**	**0.0038 J**	**0.024**	**0.0039 J**
Acenaphthylene	mg/kg	45,000	**0.094**	**0.035**	**0.064**	0.0075 U	**0.054 J**	**0.038**	**0.16**	**0.3**	**0.002 J**	**0.013**	0.0072 U	**0.14**	**0.023 J**	**0.005 J**	**0.011**	**0.078**	**0.035**	**0.017**	**0.29**	**0.015**
Acetophenone	mg/kg	120,000	**0.03 J**	0.077 U	**0.053 J**	0.074 U	0.078 U	0.08 U	**0.1**	**0.095**	N/A	**0.049 J**	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	**0.027 J**	0.074 U
Anthracene	mg/kg	230,000	**0.3**	**0.068**	**0.23**	0.0075 U	**0.17 J**	**0.029**	**0.41**	**1.8**	**0.014**	**0.019**	**0.001 J**	**0.26**	**0.02 J**	**0.013**	**0.061**	**0.16**	**0.1**	**0.02**	**0.23**	**0.032**
Benz[a]anthracene	mg/kg	21	**1.1**	**0.27**	**0.7**	0.0075 U	**0.36**	**0.12**	**1.3**	**3.4**	**0.028**	**0.041**	**0.0073**	**1.1**	**0.037 J**	**0.062**	**0.084**	**0.46**	**0.27**	**0.056**	**1.1**	**0.084**
Benzaldehyde	mg/kg	120,000	**0.05 J**	0.077 R	**0.049 J**	0.074 R	**0.029 J**	**0.035 J**	**0.19 J**	**0.15 J**	N/A	**0.052 J**	0.071 R	**0.021 J**	**0.042 J**	0.075 R	**0.02 J**	0.075 R	**0.1 J**	0.074 U	**0.046 J**	0.074 U
Benzo[a]pyrene	mg/kg	2.1	**0.99**	**0.26**	**0.52**	0.0075 U	**0.28 J**	**0.16 J**	**1.2 J**	**3.1 J**	**0.018**	**0.06 J**	**0.0062 J**	**1.1**	**0.033 J**	**0.063**	**0.033**	**0.68**	**0.24 J**	**0.071**	**1.2**	**0.11**
Benzo[b]fluoranthene	mg/kg	21	**2.7**	**0.71**	**1.9**	**0.0013 J**	**0.72 J**	**0.43 J**	**3.2**	**5.8 J**	**0.094**	**0.18 J**	**0.16**	**2.5**	**0.1 J**	**0.16**	**0.094**	**1.8 J**	**0.73 J**	**0.24**	**2.5**	**0.35**
Benzo[g,h,i]perylene	mg/kg		**0.28**	**0.082**	**0.11**	0.0075 U	**0.078 J**	**0.062 J**	**0.31 J**	**0.95**	**0.017**	**0.034 J**	**0.028**	**0.4**	**0.077 J**	**0.054**	**0.021**	**0.2**	**0.075 J**	**0.041**	**0.67**	**0.055**
Benzo[k]fluoranthene	mg/kg	210	**2.7**	**0.72**	**1.9**	**0.0013 J**	**0.74 J**	**0.43 J**	**3.2**	**2.5 J**	**0.093**	**0.19 J**	**0.16**	**2.5**	**0.1 J**	**0.16**	**0.091**	**1.8 J**	**0.74 J**	**0.23**	**2.4**	**0.34**
bis(2-Chloroethyl)ether	mg/kg	1	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.073 UJ	0.077 UJ	0.15 U	0.074 U	0.078 UJ	0.08 U	0.075 UJ	0.073 UJ	N/A	**0.14 J**	0.071 U	0.075 UJ	0.074 UJ	**0.19 J**	0.081 U	0.075 UJ	0.02 B	0.074 U	0.079 U	0.074 U
Caprolactam	mg/kg	400,000	0.18 U	0.19 U	0.38 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	N/A	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U	0.18 U	**0.021 J**	0.2 U	0.19 U
Carbazole	mg/kg		**0.028 J**	**0.1**	**0.13 J**	0.074 U	**0.36 J**	0.08 U	**0.28**	**1.7**	N/A	0.073 U	0.071 U	**0.066 J**	0.074 U	0.075 U	0.081 U	**0.03 J**	**0.069 J**	0.074 U	**0.049 J**	0.074 U
Chrysene	mg/kg	2,100	**1.1**	**0.31**	**0.74**	**0.00084 J**	**0.4 J**	**0.18**	**1.4**	**3.6**	**0.074**	**0.069**	**0.078**	**1.2**	**0.027 J**	**0.088**	**0.092**	**0.57**	**0.45**	**0.066**	**1.1**	**0.096**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.18**	**0.047**	**0.077**	0.0075 U	**0.049 J**	**0.031 J**	**0.18 J**	**0.54**	**0.0082 J**	**0.0088 J**	**0.016**	**0.21**	**0.011 J**	**0.018**	**0.0083**	**0.09**	**0.043 J**	**0.013**	**0.25**	**0.02**
Diethylphthalate	mg/kg	660,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
Di-n-butylphthalate	mg/kg	82,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
Di-n-octylphthalate	mg/kg	8,200	0.073 UJ	0.077 UJ	0.15 U	0.074 U	0.078 UJ	0.08 U	0.075 UJ	0.073 UJ	N/A	**0.032 J**	0.071 U	0.075 UJ	0.074 UJ	0.075 UJ	0.081 U	0.075 UJ	0.074 UJ	0.074 U	0.079 U	0.074 U
Fluoranthene	mg/kg	30,000	**2.2**	**0.41**	**1.3**	**0.0012 J**	**0.77**	**0.14**	**3.6**	**8.2**	**0.063**	**0.086**	**0.027**	**1.6**	**0.043 J**	**0.13**	**0.28**	**0.62**	**0.49**	**0.12**	**2.2**	**0.16**
Fluorene	mg/kg	30,000	**0.037**	**0.0074 J**	**0.024**	0.0075 U	**0.074 J**	**0.0045 J**	**0.1**	**0.62**	**0.0013 J**	**0.0087**	**0.00083 J**	**0.025**	0.073 U	**0.0021 J**	**0.028**	**0.015**	**0.029**	**0.004 J**	**0.036**	**0.0043 J**
Hexachloroethane	mg/kg	8	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.37**	**0.1**	**0.15**	0.0075 U	**0.096 J**	**0.071 J**	**0.38 J**	**1.1**	**0.013**	**0.029 J**	**0.021**	**0.47**	**0.024 J**	**0.042**	**0.015**	**0.23**	**0.091 J**	**0.035**	**0.65**	**0.054**
Naphthalene	mg/kg	17	**0.093**	**0.058**	**0.16**	**0.0013 J**	**0.12**	**0.068**	**0.69**	**0.9**	**0.028**	**0.038**	**0.0059 J**	**0.14**	**0.027 J**	**0.019**	**0.052**	**0.09**	**0.24**	**0.1**	**0.28**	**0.037**
N-Nitrosodiphenylamine	mg/kg	470	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	0.075 U	0.073 U	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 U	0.081 U	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
Pentachlorophenol	mg/kg	4	0.18 U	0.19 U	0.38 U	0.19 U	0.2 UJ	0.2 U	0.19 U	0.18 U	N/A	0.18 U	0.18 U	0.19 U	0.18 U	0.19 R	0.2 UJ	0.19 U	0.18 U	0.19 U	0.2 U	0.19 U
Phenanthrene	mg/kg		**1**	**0.26**	**0.87**	**0.0016 J**	**0.79**	**0.14**	**2.5**	**7.6**	**0.13**	**0.076**	**0.014**	**0.88**	**0.05 J**	**0.061**	**0.31**	**0.27**	**0.57**	**0.069**	**0.71**	**0.075**
Phenol	mg/kg	250,000	0.073 U	0.077 U	0.15 U	0.074 U	0.078 U	0.08 U	**0.02 J**	**0.026 J**	N/A	0.073 U	0.071 U	0.075 U	0.074 U	0.075 R	0.081 UJ	0.075 U	0.074 U	0.074 U	0.079 U	0.074 U
Pyrene	mg/kg	23,000	**1.2**	**0.31**	**0.96**	**0.00093 J**	**0.57**	**0.12**	**3.2**	**6.4**	**0.044**	**0.071**	**0.01**	**1.3**	**0.037 J**	**0.12**	**0.28**	**0.62**	**0.41**	**0.11**	**1.8**	**0.15**
PCBs																						
Aroclor 1242	mg/kg	0.97	0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	0.0549 U	N/A	0.0593 U	N/A	0.0568 U	N/A	0.0542 U	N/A	0.633 U	N/A	0.0544 U
Aroclor 1248	mg/kg	0.94	0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	0.0549 U	N/A	0.0593 U	N/A	0.0568 U	N/A	0.0542 U	N/A	0.633 U	N/A	0.0544 U
Aroclor 1254	mg/kg	0.97	0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	**0.198**	N/A	0.0593 U	N/A	0.0568 U	N/A	0.0542 U	N/A	0.633 U	N/A	0.0544 U
Aroclor 1260	mg/kg	0.99	0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	0.0549 U	N/A	0.0593 U	N/A	0.0568 U	N/A	0.0542 U	N/A	0.633 U	N/A	0.0544 U
Aroclor 1262	mg/kg		0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	**0.831**	N/A	**0.159**	N/A	0.0568 U	N/A	0.0542 U	N/A	0.633 U	N/A	0.0544 U
Aroclor 1268	mg/kg		0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	**0.469**	N/A	**0.0691**	N/A	0.0568 U	N/A	0.0542 U	N/A	**18.4**	N/A	**0.451**
PCBs (total)	mg/kg	0.97	0.055 U	N/A	0.0568 U	N/A	0.0645 U	N/A	0.0546 U	N/A	N/A	**1.498**	N/A	**0.2281**	N/A	0.0568 U	N/A	0.0542 U	N/A	**18.4**	N/A	**0.451**
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**54.1**	**166**	**50.8**	**3.9 J**	**56.7**	**18.8**	**319**	**650**	**19**	**397**	**13.2**	**133**	**854**	**36.6**	**23.8**	**59.3**	**61**	**29.4**	**146**	**24.6**
Gasoline Range Organics	mg/kg	6,200	13 U	10.8 U	16.3 U	8.8 U	16.1 U	13.6 U	**15.1 J**	14.8 U	N/A	9.4 U	11.6 U	12.1 U	10.1 U	11.1 U	13.9 U	10.4 U	12.5 U	12.5 U	15.7 U	9.5 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-020-SB-5*	B1-021-SB-1*	B1-021-SB-5*	B1-022-SB-1*	B1-022-SB-5*	B1-023-SB-1	B1-023-SB-4	B1-024-SB-1	B1-024-SB-5	B1-025-SB-1	B1-026-SB-1	B1-026-SB-7.5	B1-027-SB-1	B1-028-SB-1	B1-028-SB-4	B1-029-SB-1*	B1-029-SB-5*	B1-030-SB-1*	B1-030-SB-5*	B1-031-SB-1*
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
1,2-Dichloroethane	mg/kg	2	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
2-Butanone (MEK)	mg/kg	190,000	0.014 U	0.016 U	0.011 U	0.013 U	0.0088 U	0.011 U	0.017 U	0.0097 U	0.014 U	0.012 U	0.0088 U	0.019 U	0.013 U	0.013 U	0.028 U	**0.0042 J**	0.0089 U	0.0081 U	0.0092 U	0.0086 U
2-Hexanone	mg/kg	1,300	0.014 U	0.016 U	0.011 U	0.013 U	0.0088 U	0.011 U	0.017 U	0.0097 U	0.014 U	0.012 U	0.0088 U	0.019 U	0.013 U	0.013 U	0.028 U	0.0073 U	0.0089 U	0.0081 U	0.0092 U	0.0086 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.014 U	0.016 U	0.011 U	0.013 U	0.0088 U	0.011 U	0.017 U	0.0097 U	0.014 U	0.012 U	0.0088 U	0.019 U	0.013 U	0.013 U	0.028 U	0.0073 U	0.0089 U	0.0081 U	0.0092 U	**0.0073 J**
Acetone	mg/kg	670,000	**0.05**	0.016 U	0.011 U	0.013 U	**0.0079 J**	0.011 U	0.017 U	0.0097 U	**0.011 J**	0.0064 B	0.0088 UJ	0.012 B	0.013 U	0.013 U	0.028 U	0.0073 U	**0.01**	**0.0061 J**	**0.011**	**0.01**
Benzene	mg/kg	5.1	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	**0.0027 J**	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Carbon disulfide	mg/kg	3,500	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 UJ	0.0085 UJ	0.0048 UJ	0.0069 UJ	0.0058 U	0.0044 U	0.0095 U	0.0067 UJ	0.0063 UJ	0.014 UJ	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Carbon tetrachloride	mg/kg	2.9	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Chloroform	mg/kg	1.4	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Cyclohexane	mg/kg	27,000	0.014 U	0.016 U	0.011 U	0.013 U	0.0088 U	0.011 U	0.017 U	0.0097 U	0.014 U	0.012 U	0.0088 U	0.019 U	0.013 U	0.013 U	0.028 U	0.0073 U	0.0089 U	0.0081 U	0.0092 U	0.0086 U
Ethylbenzene	mg/kg	25	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	**0.0047**
Isopropylbenzene	mg/kg	9,900	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 UJ	0.0085 UJ	0.0048 UJ	0.0069 UJ	0.0058 U	0.0044 U	0.0095 U	0.0067 UJ	0.0063 UJ	0.014 UJ	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Methyl Acetate	mg/kg	1,200,000	0.069 U	0.081 U	0.057 U	0.065 U	0.044 U	0.056 U	0.085 U	0.048 U	0.069 U	0.058 U	0.044 U	0.095 U	0.067 U	0.063 U	0.14 U	0.036 U	0.045 U	0.041 U	0.046 U	0.043 U
Methylene Chloride	mg/kg	1,000	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 UJ	0.0044 UJ	0.0095 UJ	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Tetrachloroethene	mg/kg	100	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Toluene	mg/kg	47,000	**0.0083**	0.0081 U	0.0057 U	0.0065 U	**0.0018 J**	0.0056 U	0.0085 U	**0.0034 J**	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Trichloroethene	mg/kg	6	0.0069 U	0.0081 U	0.0057 U	0.0065 U	0.0044 U	0.0056 U	0.0085 U	0.0048 U	0.0069 U	0.0058 U	0.0044 U	0.0095 U	0.0067 U	0.0063 U	0.014 U	0.0036 U	0.0045 U	0.0041 U	0.0046 U	0.0043 U
Xylenes	mg/kg	2,800	0.021 U	0.024 U	0.017 U	0.019 U	0.013 U	0.017 U	0.025 U	0.014 U	0.021 U	0.017 U	0.013 U	0.029 U	0.02 U	0.019 U	0.042 U	0.011 U	0.013 U	0.012 U	0.014 U	**0.038**
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.072 U	**0.041 J**	**0.15**	**0.029 J**	0.081 U	**0.066 J**	0.079 U	**0.076**	0.082 U	0.073 U	0.073 U	0.079 U	**0.081**	**0.65 J**	0.096 U	0.071 U	0.078 U	**0.034 J**	0.08 U	0.071 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 U	0.096 UJ	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2,4,6-Trichlorophenol	mg/kg	210	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 U	0.096 UJ	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2,4-Dimethylphenol	mg/kg	16,000	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	**0.03 J**	0.079 U	**0.026 J**	0.082 U	0.073 U	0.073 U	0.079 U	**0.018 J**	**0.34 J**	0.096 UJ	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 UJ	0.18 U	0.2 U	0.19 U	0.19 R	0.24 UJ	0.18 U	0.2 U	0.19 U	0.2 U	0.18 U
2,4-Dinitrotoluene	mg/kg	7.4	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 R	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2-Chloronaphthalene	mg/kg	60,000	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	**0.083**	0.079 U	**0.03 J**	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 U	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2-Chlorophenol	mg/kg	5,800	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 U	0.096 UJ	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2-Methylnaphthalene	mg/kg	3,000	0.0072 U	**0.27**	0.036 B	**0.22**	**0.014**	**0.34**	**0.027**	**0.29**	**0.0041 J**	**0.051**	**0.02**	**0.079**	**0.5**	**1**	**0.022**	**0.017**	**0.012**	**0.063**	**0.0039 J**	**0.033**
2-Methylphenol	mg/kg	41,000	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	**0.021 J**	0.079 U	**0.022 J**	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	**0.087 J**	0.096 UJ	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.18 U	0.2 U	0.19 U	0.19 U	0.24 U	0.18 U	0.2 U	0.19 U	0.2 U	0.18 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.14 U	0.15 U	0.16 U	0.14 U	0.16 U	**0.048 J**	0.16 U	**0.042 J**	0.16 U	0.15 U	0.15 U	0.16 U	**0.033 J**	**0.34 J**	0.19 UJ	0.14 U	0.16 U	0.15 U	0.16 U	**0.02 J**
3,3'-Dichlorobenzidine	mg/kg	5.1	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 UJ	0.073 UJ	0.079 U	0.077 UJ	0.076 UJ	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
4-Chloroaniline	mg/kg	11	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 UJ	0.079 UJ	0.073 UJ	0.082 UJ	0.073 U	0.073 U	0.079 U	0.077 UJ	0.076 UJ	0.096 UJ	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
4-Nitroaniline	mg/kg	110	0.18 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 UJ	0.2 UJ	0.18 UJ	0.2 UJ	0.18 U	0.18 U	0.2 U	0.19 UJ	0.19 UJ	0.24 UJ	0.18 U	0.2 U	0.19 U	0.2 U	0.18 U
Acenaphthene	mg/kg	45,000	**0.00076 J**	**0.014**	**0.0043 J**	**0.051 J**	**0.0013 J**	**0.025**	**0.015**	**0.024**	**0.0014 J**	**0.0079**	**0.0052 J**	**0.0048 J**	**0.11**	**2.9**	**0.006 J**	**0.0024 J**	**0.0023 J**	**0.075**	**0.001 J**	**0.0099**
Acenaphthylene	mg/kg	45,000	**0.001 J**	**0.21**	**0.11**	**4.8**	**0.013**	**0.16**	**0.012**	**0.58**	**0.0018 J**	**0.058**	**0.06**	**0.025**	**0.16**	**0.37**	**0.0059 J**	**0.0093**	**0.03**	**0.11**	**0.0067 J**	**0.038**
Acetophenone	mg/kg	120,000	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	**0.043 J**	0.079 U	**0.093**	0.082 U	0.073 U	0.073 U	0.079 U	**0.076 J**	**0.45 J**	0.096 U	0.071 U	0.078 U	**0.026 J**	0.08 U	0.071 U
Anthracene	mg/kg	230,000	**0.0031 J**	**0.15**	**0.015**	**1.3**	**0.0038 J**	**0.19**	**0.16**	**0.34**	**0.0041 J**	**0.057**	**0.076**	**0.041**	**0.37**	**10.5**	**0.042**	**0.013**	**0.032**	**0.3**	**0.0085**	**0.087**
Benz[a]anthracene	mg/kg	21	**0.0027 J**	**0.89**	**0.011**	**7.8**	**0.014**	**0.57**	**0.58**	**1.9**	**0.006 J**	**0.15**	**0.066**	**0.12**	**1**	**48.2**	**0.09**	**0.036**	**0.11**	**0.66**	**0.018**	**0.093**
Benzaldehyde	mg/kg	120,000	0.072 U	**0.041 J**	**0.042 J**	**0.027 J**	0.081 U	**0.093**	0.079 U	**0.1**	0.082 U	0.073 R	0.073 R	0.079 R	**0.064 J**	0.076 U	0.096 U	0.071 U	0.078 U	**0.039 J**	0.08 U	0.071 U
Benzo[a]pyrene	mg/kg	2.1	**0.0013 J**	**1.2**	**0.013**	**11.2**	**0.026**	**0.74 J**	**0.58 J**	**1.7**	**0.003 J**	**0.2 J**	**0.11 J**	**0.15 J**	**1.2 J**	**37.6**	**0.079 J**	**0.046**	**0.14**	**0.67**	**0.02**	**0.11**
Benzo[b]fluoranthene	mg/kg	21	**0.0058 J**	**2.1**	**0.029**	**18.9**	**0.056**	**0.93**	**1.4 J**	**3.6**	**0.014 J**	**0.62 J**	**0.39 J**	**0.47 J**	**2.1**	**48**	**0.24 J**	**0.11**	**0.28**	**1.3**	**0.043**	**0.3**
Benzo[g,h,i]perylene	mg/kg		0.0072 U	**0.31**	**0.0055 J**	**4.2**	**0.016**	**0.34 J**	**0.19 J**	**0.7 J**	**0.0044 J**	**0.11 J**	**0.064 J**	**0.063 J**	**0.5 J**	**7.2**	**0.034 J**	**0.033**	**0.079**	**0.3**	**0.0097**	**0.082**
Benzo[k]fluoranthene	mg/kg	210	**0.0049 J**	**2.2**	**0.03**	**19.4**	**0.057**	**0.45**	**1.3 J**	**3.1**	**0.012 J**	**0.62 J**	**0.32 J**	**0.38 J**	**1.9**	**12.9**	**0.21 J**	**0.12**	**0.29**	**1.3**	**0.044**	**0.31**
bis(2-Chloroethyl)ether	mg/kg	1	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	**0.022 J**	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.072 U	**0.048 J**	0.08 U	**0.018 J**	0.081 U	**0.034 J**	0.079 U	**0.032 J**	0.082 U	0.073 UJ	**0.41 J**	0.079 U	**0.063 J**	0.076 UJ	0.096 U	**0.077**	0.078 U	**0.57**	0.08 U	**0.22**
Caprolactam	mg/kg	400,000	0.18 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.18 U	0.2 U	0.19 U	0.19 U	0.24 U	0.18 U	0.2 U	0.19 U	0.2 U	0.18 U
Carbazole	mg/kg		0.072 U	**0.039 J**	**0.044 J**	**0.041 J**	0.081 U	**0.13**	0.079 U	**0.07 J**	0.082 U	0.073 UJ	0.073 UJ	**0.024 J**	**0.19**	**12.1**	0.096 U	0.071 U	0.078 U	**0.2**	0.08 U	0.071 U
Chrysene	mg/kg	2,100	**0.0032 J**	**0.94**	**0.03**	**7.9**	**0.022**	**0.7**	**0.52**	**1.7**	**0.0052 J**	**0.19**	**0.065**	**0.13**	**1.4**	**42.2**	**0.1**	**0.058**	**0.13**	**0.78**	**0.022**	**0.14**
Dibenz[a,h]anthracene	mg/kg	2.1	0.0072 U	**0.15**	**0.0026 J**	**1.8**	**0.0061 J**	**0.14 J**	**0.063 J**	**0.32 J**	0.0082 UJ	**0.038 J**	**0.024 J**	**0.026 J**	**0.21 J**	**3.3 J**	**0.01 J**	**0.011**	**0.031**	**0.099**	**0.0037 J**	**0.027**
Diethylphthalate	mg/kg	660,000	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 U	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
Di-n-butylphthalate	mg/kg	82,000	0.072 U	**0.029 J**	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 UJ	0.073 UJ	0.079 U	**0.019 J**	0.076 U	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
Di-n-ocytlphthalate	mg/kg	8,200	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 UJ	0.073 UJ	0.079 U	0.077 UJ	0.076 UJ	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
Fluoranthene	mg/kg	30,000	**0.0082**	**1.3**	**0.034**	**8.2**	**0.015**	**0.9**	**0.94**	**2.1**	**0.0097**	**0.19**	**0.092**	**0.22**	**1.9**	**99.5**	**0.19**	**0.083**	**0.14**	**2.1**	**0.051**	**0.22**
Fluorene	mg/kg	30,000	**0.001 J**	**0.017**	**0.014**	**0.13**	**0.0022 J**	**0.024**	**0.019**	**0.024**	**0.0012 J**	**0.005 J**	**0.0075**	**0.007 J**	**0.08**	**3**	**0.0091 J**	**0.0033 J**	**0.0092**	**0.16**	**0.0024 J**	**0.0092**
Hexachloroethane	mg/kg	8	0.072 U	0.073 U	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	0.076 U	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	0.0072 U	**0.37**	**0.0034 J**	**4.7**	**0.014**	**0.37 J**	**0.2 J**	**0.86 J**	**0.0025 J**	**0.11 J**	**0.061 J**	**0.069 J**	**0.53 J**	**8.7**	**0.028 J**	**0.031**	**0.084**	**0.31**	**0.011**	**0.075**
Naphthalene	mg/kg	17	0.0072 U	**0.27**	**0.23**	**0.7**	**0.0086**	**0.27**	**0.046**	**0.26**	**0.0066 J**	**0.04**	**0.017**	**0.06**	**0.4**	**1.7**	**0.037**	**0.02**	**0.024**	**0.19**	**0.0069 J**	**0.03**
N-Nitrosodiphenylamine	mg/kg	470	0.072 U	**0.02 J**	0.08 U	0.071 U	0.081 U	0.072 U	0.079 U	0.073 U	0.082 U	0.073 UJ	0.073 UJ	0.079 U	0.077 U	0.076 U	0.096 U	0.071 U	0.078 U	0.074 U	0.08 U	0.071 U
Pentachlorophenol	mg/kg	4	0.18 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 UJ	0.18 UJ	0.2 U	0.19 U	0.19 R	0.24 UJ	0.18 U	0.2 U	0.19 U	0.2 U	0.18 U
Phenanthrene	mg/kg		**0.0065 J**	**0.36**	**0.089**	**0.69**	**0.018**	**0.59**	**0.5**	**0.7**	**0.0083**	**0.11**	**0.046**	**0.14**	**1.6**	**54.4**	**0.15**	**0.041**	**0.062**	**1.4**	**0.019**	**0.11**
Phenol	mg/kg	250,000	0.072 U	0.073 U	**0.019 J**	0.071 U	0.081 U	**0.053 J**	0.079 U	**0.043 J**	0.082 U	0.073 U	0.073 U	0.079 U	0.077 U	**0.12 J**	0.096 UJ	0.071 U	0.078 U	**0.023 J**	0.08 U	0.071 U
Pyrene	mg/kg	23,000	**0.0062 J**	**1.2**	**0.049**	**9.7**	**0.021**	**0.81**	**0.79**	**1.9**	**0.0066 J**	**0.2**	**0.1**	**0.18**	**2**	**77.8**	**0.13**	**0.079**	**0.12**	**1.8**	**0.044**	**0.28**
PCBs																						
Aroclor 1242	mg/kg	0.97	N/A	0.0555 U	N/A	**0.134**	N/A	0.0556 U	N/A	0.057 U	N/A	0.0554 U	0.053 U	N/A	0.0581 U	0.0627 U	N/A	0.0557 U	N/A	0.573 U	N/A	0.0537 U
Aroclor 1248	mg/kg	0.94	N/A	0.0555 U	N/A	0.0561 U	N/A	0.0556 U	N/A	0.057 U	N/A	0.0554 U	0.053 U	N/A	0.0581 U	0.0627 U	N/A	0.0557 U	N/A	0.573 U	N/A	0.0537 U
Aroclor 1254	mg/kg	0.97	N/A	0.0555 U	N/A	0.0561 U	N/A	0.0556 U	N/A	0.057 U	N/A	**0.127**	0.053 U	N/A	**0.194**	0.0627 U	N/A	0.0557 U	N/A	**20.8**	N/A	**0.31**
Aroclor 1260	mg/kg	0.99	N/A	**0.139**	N/A	0.0561 U	N/A	0.0556 U	N/A	**0.159**	N/A	**0.0669**	**0.0442 J**	N/A	**0.239**	0.0627 U	N/A	**0.102**	N/A	**5.4**	N/A	**0.115**
Aroclor 1262	mg/kg		N/A	0.0555 U	N/A	0.0561 U	N/A	0.0556 U	N/A	0.057 U	N/A	0.0554 U	0.053 U	N/A	0.0581 U	0.0627 U	N/A	0.0557 U	N/A	0.573 U	N/A	0.0537 U
Aroclor 1268	mg/kg		N/A	0.0555 U	N/A	0.0561 U	N/A	**0.281**	N/A	0.057 U	N/A	0.0554 U	0.053 U	N/A	0.0581 U	0.0627 U	N/A	0.0557 U	N/A	0.573 U	N/A	0.0537 U
PCBs (total)	mg/kg	0.97	N/A	**0.139**	N/A	**0.134**	N/A	**0.281**	N/A	**0.159**	N/A	**0.1939**	**0.0442 J**	N/A	**0.433**	0.0627 U	N/A	**0.102**	N/A	**26.2**	N/A	**0.425**
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**2.7 J**	**81.9**	**24.6**	**180**	**5.9 J**	**111**	**22.9**	**83.8**	**6.8 J**	**45.4**	**78.9**	**30.9**	**156**	**1,730**	**16.9**	**30.3**	**12.7**	**203**	**11.2**	**374**
Gasoline Range Organics	mg/kg	6,200	13.3 U	11 U	23.9 U	10 U	15.9 U	9.8 U	12.7 U	9.7 U	19.9 U	13.9 U	9.7 U	17.9 U	19.1 U	**10.6 J**	24 U	9.3 U	9.3 U	8.7 U	9.6 U	**6.2 J**
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-031-SB-5*	B1-032-SB-1*	B1-032-SB-5*	B1-033-SB-1*	B1-033-SB-4*	B1-034-SB-1*	B1-034-SB-4*	B1-035-SB-1*	B1-035-SB-5*	B1-036-SB-1*	B1-036-SB-4*	B1-037-SB-1	B1-037-SB-5	B1-037-SB-10*	B1-038-SB-1	B1-038-SB-5	B1-039-SB-1	B1-039-SB-5	B1-040-SB-1	B1-040-SB-5
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
1,2-Dichloroethane	mg/kg	2	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
2-Butanone (MEK)	mg/kg	190,000	0.0094 U	**0.0043 J**	0.0097 U	0.0098 U	0.012 U	0.0079 U	0.0097 U	0.013 U	**0.0061 J**	0.012 U	0.015 U	0.011 U	0.011 U	N/A	0.012 U	0.012 U	0.015 U	0.013 U	0.012 U	0.012 U
2-Hexanone	mg/kg	1,300	0.0094 U	0.0094 U	0.0097 U	0.0098 U	0.012 U	0.0079 U	0.0097 U	0.013 U	0.0096 U	0.012 U	0.015 U	0.011 U	0.011 U	N/A	0.012 U	0.012 U	0.015 U	0.013 U	0.012 U	0.012 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0094 U	0.0094 U	0.0097 U	0.0098 U	0.012 U	0.0079 U	0.0097 U	0.013 U	0.0096 U	0.012 U	0.015 U	0.011 U	0.011 U	N/A	0.012 U	0.012 U	0.015 U	0.013 U	0.012 U	0.012 U
Acetone	mg/kg	670,000	**0.013**	**0.015**	**0.014**	0.037 B	**0.11**	**0.018**	**0.053**	**0.017**	**0.065**	0.012 U	**0.056**	**0.017**	**0.046**	N/A	0.012 U	**0.033 J**	**0.061 J**	**0.064 J**	0.008 B	**0.035 J**
Benzene	mg/kg	5.1	**0.0017 J**	**0.0019 J**	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	**0.0034 J**	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Carbon disulfide	mg/kg	3,500	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Carbon tetrachloride	mg/kg	2.9	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 UJ	0.0057 UJ	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Chloroform	mg/kg	1.4	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	**0.009**	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Cyclohexane	mg/kg	27,000	0.0094 U	0.0094 U	0.0097 U	0.0098 U	0.012 U	0.0079 U	0.0097 U	0.013 U	0.0096 U	0.012 U	0.015 U	0.011 U	0.011 U	N/A	0.012 U	0.012 U	0.015 U	0.013 U	0.012 U	0.012 U
Ethylbenzene	mg/kg	25	0.0047 U	**0.0031 J**	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Isopropylbenzene	mg/kg	9,900	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Methyl Acetate	mg/kg	1,200,000	0.047 U	0.047 U	0.049 U	0.049 U	0.058 U	0.04 U	0.048 U	0.065 U	0.048 U	0.062 U	0.074 U	0.057 U	0.057 U	N/A	0.058 U	0.058 U	0.077 U	0.064 U	0.059 U	0.059 U
Methylene Chloride	mg/kg	1,000	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Tetrachloroethene	mg/kg	100	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Toluene	mg/kg	47,000	0.0047 U	**0.0032 J**	0.0049 U	**0.01**	**0.013**	**0.004**	**0.01**	**0.0074**	**0.0058**	**0.011**	**0.0078**	0.0075 B	0.0064 B	N/A	0.0052 B	0.0052 B	0.0066 B	0.007 B	0.0067 B	0.0077 B
Trichloroethene	mg/kg	6	0.0047 U	0.0047 U	0.0049 U	0.0049 U	0.0058 U	0.004 U	0.0048 U	0.0065 U	0.0048 U	0.0062 U	0.0074 U	0.0057 U	0.0057 U	N/A	0.0058 U	0.0058 U	0.0077 U	0.0064 U	0.0059 U	0.0059 U
Xylenes	mg/kg	2,800	0.014 U	**0.03**	0.015 U	0.015 U	0.017 U	0.012 U	0.014 U	0.019 U	0.014 U	0.018 U	0.022 U	0.017 U	0.017 U	N/A	0.017 U	0.018 U	0.023 U	0.019 U	0.018 U	0.018 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.076 U	**0.5**	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	**0.054 J**	0.083 U	0.072 U	**0.021 J**	**0.91 J**	**0.11**	N/A	**0.029 J**	**0.04 J**	**0.78 J**	0.071 U	**1.6**	0.071 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	**0.42 J**	0.084 U	0.071 U	0.075 U	0.071 U
2,4,6-Trichlorophenol	mg/kg	210	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
2,4-Dimethylphenol	mg/kg	16,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	**0.024 J**	0.083 U	0.072 U	0.078 U	**0.018 J**	0.078 U	N/A	0.079 U	0.079 UJ	0.084 U	0.071 U	**0.015 J**	0.071 U
2,4-Dinitrophenol	mg/kg	1,600	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.21 U	0.18 U	0.2 U	0.19 UJ	0.19 UJ	N/A	0.2 U	0.2 R	0.21 U	0.18 U	0.19 U	0.18 U
2,4-Dinitrotoluene	mg/kg	7.4	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 UJ	0.084 U	0.071 U	0.075 U	0.071 U
2-Chloronaphthalene	mg/kg	60,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	**0.044 J**	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
2-Chlorophenol	mg/kg	5,800	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
2-Methylnaphthalene	mg/kg	3,000	**0.016**	**2.3**	**0.033**	**0.01**	**0.013**	**0.02**	**0.0065 J**	**0.47**	**0.0057 J**	**0.082**	**0.088**	**0.26**	**0.51**	N/A	**0.05**	**0.12**	**0.22 J**	**0.0012 J**	**0.3**	**0.0039 J**
2-Methylphenol	mg/kg	41,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	**0.017 J**	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
2-Nitroaniline	mg/kg	8,000	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.21 U	0.18 U	0.2 U	0.19 U	0.19 U	N/A	0.2 UJ	0.2 U	0.21 UJ	0.18 UJ	0.19 UJ	0.18 UJ
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	0.14 U	0.16 U	0.14 U	0.15 U	0.15 U	0.15 U	**0.051 J**	0.17 U	0.14 U	0.16 U	**0.023 J**	0.16 U	N/A	0.16 U	0.16 U	**0.024 J**	0.14 U	**0.031 J**	0.14 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 UJ	0.078 U	N/A	0.079 U	0.079 UJ	0.084 UJ	0.071 U	0.075 UJ	0.071 U
4-Chloroaniline	mg/kg	11	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 UJ	0.084 U	0.071 U	0.075 U	0.071 U
4-Nitroaniline	mg/kg	110	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.21 U	0.18 U	0.2 U	0.19 UJ	0.19 UJ	N/A	0.2 UJ	0.2 UJ	0.21 UJ	0.18 UJ	0.19 UJ	0.18 UJ
Acenaphthene	mg/kg	45,000	**0.011**	**7.8**	**0.031**	**0.0019 J**	0.0075 U	**0.0063 J**	0.0075 U	**0.035**	**0.00093 J**	**0.0058 J**	**0.0046 J**	**0.096**	**0.08**	N/A	**0.0062 J**	**0.034**	**0.092**	0.0072 U	**0.15**	**0.0012 J**
Acenaphthylene	mg/kg	45,000	**0.011**	**0.093**	**0.03**	**0.018**	**0.00088 J**	**0.092**	0.0075 U	**0.13**	**0.018**	**0.029**	**0.097**	**0.19**	**0.031**	N/A	**0.033**	**0.024**	**0.23 J**	0.0072 U	**0.21**	0.0071 U
Acetophenone	mg/kg	120,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	**0.021 J**	0.076 U	**0.023 J**	0.083 U	0.072 U	**0.019 J**	**0.067 J**	**0.14**	N/A	0.079 U	**0.045 J**	**0.069 J**	0.071 U	**0.08 J**	0.071 U
Anthracene	mg/kg	230,000	**0.045**	**8.3**	**0.15**	**0.0085**	**0.0038 J**	**0.011**	**0.0011 J**	**0.28**	**0.014**	**0.065**	**0.061**	**0.51**	**0.28**	N/A	**0.079**	**0.18**	**0.65 J**	**0.001 J**	**0.63**	**0.0018 J**
Benz[a]anthracene	mg/kg	21	**0.086**	**3.9**	**0.17**	**0.021**	**0.0069 J**	**0.054**	**0.002 J**	**0.34**	**0.061**	**0.1**	**0.19**	**1.7**	**1.2**	N/A	**0.12**	**0.93**	**1.2**	0.0072 U	**2.3**	**0.0089**
Benzaldehyde	mg/kg	120,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	**0.016 J**	0.076 U	**0.031 J**	0.083 U	0.072 U	**0.023 J**	**0.052 J**	**0.12 J**	N/A	0.079 R	**0.038 J**	**0.033 J**	0.071 R	**0.042 J**	0.071 R
Benzo[a]pyrene	mg/kg	2.1	**0.09**	**2.2**	**0.17**	**0.021**	**0.0057 J**	**0.062**	0.0075 U	**0.49**	**0.12**	**0.13**	**0.2**	**1.4 J**	**0.93**	**0.001 J**	**0.19 J**	**1.2 J**	**1.4**	0.0072 U	**2.3 J**	**0.0056 J**
Benzo[b]fluoranthene	mg/kg	21	**0.16**	**3.7**	**0.34**	**0.068**	**0.016**	**0.19**	**0.004 J**	**1.5**	**0.3**	**0.47**	**0.56**	**3.3 J**	**2.1 J**	N/A	**0.44 J**	**2.5 J**	**3.1 J**	**0.0015 J**	**4.8 J**	**0.01**
Benzo[g,h,i]perylene	mg/kg		**0.052**	**0.45**	**0.069**	**0.024**	**0.0051 J**	**0.046**	**0.0014 J**	**0.17**	**0.058**	**0.055**	**0.14**	**0.57 J**	**0.58**	N/A	**0.076 J**	**0.4 J**	**0.42 J**	0.0072 U	**0.7**	**0.0033 J**
Benzo[k]fluoranthene	mg/kg	210	**0.16**	**1.4**	**0.34**	**0.064**	**0.016**	**0.18**	**0.0037 J**	**1.5**	**0.29**	**0.45**	**0.54**	**3.2 J**	**2 J**	N/A	**0.42 J**	**2.4 J**	**3 J**	**0.0016 J**	**4.6 J**	**0.01**
bis(2-Chloroethyl)ether	mg/kg	1	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 UJ	0.079 U	0.084 UJ	0.071 UJ	0.075 UJ	0.071 UJ
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.076 U	**0.18**	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 UJ	0.078 UJ	N/A	0.079 U	0.079 UJ	0.084 UJ	0.071 U	0.075 UJ	0.071 U
Caprolactam	mg/kg	400,000	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	**0.084 J**	0.21 U	0.18 U	**0.042 J**	0.19 UJ	**0.32 J**	N/A	0.2 U	0.2 UJ	0.21 U	0.18 U	0.19 U	0.18 U
Carbazole	mg/kg		0.076 U	**0.8**	**0.038 J**	0.07 U	0.074 U	0.073 U	0.076 U	**0.12**	0.083 U	0.072 U	**0.033 J**	**0.36 J**	**0.063 J**	N/A	**0.033 J**	**0.28 J**	**0.23 J**	0.071 U	**0.47 J**	0.071 U
Chrysene	mg/kg	2,100	**0.094**	**4.2**	**0.18**	**0.034**	**0.011**	**0.081**	**0.0021 J**	**0.43**	**0.086**	**0.15**	**0.23**	**1.5**	**1.2**	N/A	**0.18**	**0.89**	**1.2**	**0.00097 J**	**2.2**	**0.0095**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.017**	**0.24**	**0.026**	**0.0065 J**	**0.0015 J**	**0.015**	0.0075 U	**0.078**	**0.019**	**0.021**	**0.039**	**0.21 J**	**0.25**	N/A	**0.026 J**	**0.2 J**	**0.19 J**	0.0072 U	**0.25**	**0.0011 J**
Diethylphthalate	mg/kg	660,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
Di-n-butylphthalate	mg/kg	82,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	**0.032 J**	0.078 U	N/A	**0.035 J**	0.079 U	**0.057 J**	0.071 U	0.075 U	0.071 U
Di-n-ocytlphthalate	mg/kg	8,200	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 UJ	0.078 UJ	N/A	0.079 U	0.079 UJ	0.084 UJ	0.071 U	0.075 UJ	0.071 U
Fluoranthene	mg/kg	30,000	**0.19**	**22.3**	**0.46**	**0.05**	**0.035**	**0.08**	**0.0061 J**	**0.6**	**0.11**	**0.22**	**0.39**	**3.2**	**2.3**	N/A	**0.33**	**1.6**	**3.2**	**0.0022 J**	**3.9**	**0.011**
Fluorene	mg/kg	30,000	**0.03**	**6.7**	**0.076**	**0.0029 J**	0.0075 U	**0.0038 J**	0.0075 U	**0.023**	**0.0032 J**	**0.0077**	**0.012**	**0.097**	**0.036**	N/A	**0.011**	**0.027**	**0.11**	0.0072 U	**0.13**	**0.00074 J**
Hexachloroethane	mg/kg	8	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.048**	**0.57**	**0.079**	**0.019**	**0.0038 J**	**0.044**	0.0075 U	**0.17**	**0.049**	**0.049**	**0.11**	**0.54 J**	**0.64**	N/A	**0.071 J**	**0.47 J**	**0.37 J**	0.0072 U	**0.7**	**0.0024 J**
Naphthalene	mg/kg	17	**0.29**	**4.4**	**0.089**	**0.072**	**0.0092**	**0.13**	**0.0057 J**	**0.45**	**0.025**	**0.075**	**0.17**	**0.8**	**0.4**	N/A	**0.078**	**0.095**	**0.67 J**	**0.0039 J**	**0.85**	**0.0041 J**
N-Nitrosodiphenylamine	mg/kg	470	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	0.077 U	0.083 U	0.072 U	0.078 U	0.077 U	0.078 U	N/A	0.079 U	0.079 U	0.084 U	0.071 U	0.075 U	0.071 U
Pentachlorophenol	mg/kg	4	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.21 U	0.18 U	0.2 U	**0.058 J**	0.19 UJ	N/A	0.2 U	**3.7 J**	0.21 U	0.18 U	0.19 U	0.18 U
Phenanthrene	mg/kg		**0.11**	**25.9**	**0.39**	**0.029**	**0.031**	**0.047**	**0.0085**	**1**	**0.027**	**0.21**	**0.2**	**1.4**	**1.4**	N/A	**0.14**	**0.7**	**1.6**	**0.0017 J**	**1.9**	**0.0062 J**
Phenol	mg/kg	250,000	0.076 U	0.072 U	0.08 U	0.07 U	0.074 U	0.073 U	0.076 U	**0.023 J**	0.083 U	0.072 U	0.078 U	**0.032 J**	0.078 U	N/A	**0.023 J**	0.079 U	**0.05 J**	0.071 U	**0.039 J**	0.071 U
Pyrene	mg/kg	23,000	**0.17**	**16.8**	**0.37**	**0.047**	**0.026**	**0.081**	**0.0055 J**	**0.58**	**0.092**	**0.2**	**0.31**	**3.4**	**1.8**	N/A	**0.35**	**1.6**	**3.3**	**0.002 J**	**4.1**	**0.015**
PCBs																						
Aroclor 1242	mg/kg	0.97	N/A	0.0586 U	N/A	0.0583 U	N/A	0.129 U	N/A	0.0571 U	N/A	0.0547 U	N/A	0.0696 U	N/A	N/A	0.0565 U	N/A	0.0647 U	N/A	0.0612 U	N/A
Aroclor 1248	mg/kg	0.94	N/A	**0.37**	N/A	0.0583 U	N/A	0.129 U	N/A	0.0571 U	N/A	0.0547 U	N/A	0.0696 U	N/A	N/A	0.0565 U	N/A	**0.543**	N/A	0.0612 U	N/A
Aroclor 1254	mg/kg	0.97	N/A	**0.298**	N/A	0.0583 U	N/A	**3.16**	N/A	0.0571 U	N/A	0.0547 U	N/A	**0.235 J**	N/A	N/A	**0.164**	N/A	**0.715**	N/A	**0.162**	N/A
Aroclor 1260	mg/kg	0.99	N/A	**0.195**	N/A	0.0583 U	N/A	0.129 U	N/A	0.0571 U	N/A	0.0547 U	N/A	0.0696 U	N/A	N/A	**0.0556 J**	N/A	**0.416**	N/A	0.0612 U	N/A
Aroclor 1262	mg/kg		N/A	0.0586 U	N/A	0.0583 U	N/A	0.129 U	N/A	**0.661**	N/A	**0.13**	N/A	**0.18**	N/A	N/A	0.0565 U	N/A	0.0647 U	N/A	**0.271**	N/A
Aroclor 1268	mg/kg		N/A	0.0586 U	N/A	**0.964**	N/A	**1.06**	N/A	**0.294**	N/A	**0.0528 J**	N/A	0.0696 U	N/A	N/A	0.0565 U	N/A	0.0647 U	N/A	0.0612 U	N/A
PCBs (total)	mg/kg	0.97	N/A	**0.863**	N/A	**0.964**	N/A	**4.22**	N/A	**0.955**	N/A	**0.1828**	N/A	**0.415**	N/A	N/A	**0.2196**	N/A	**1.674**	N/A	**0.433**	N/A
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**39.2**	**335**	**45**	**45.3**	**21.8**	**56**	**13.6**	**280**	**12.3**	**79.4**	**52.6**	**298 J**	**57.2 J**	N/A	**417 J**	**133 J**	**1,820 J**	7.1 UJ	**256 J**	**4.9 J**
Gasoline Range Organics	mg/kg	6,200	9.5 U	10.9 U	10.2 U	10.9 U	10.7 U	9.5 U	9.1 U	14.3 U	10.8 U	12.3 U	13.9 U	12.4 U	14.5 U	N/A	13.3 U	12.8 U	16 U	12.3 U	14.5 U	12.1 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-041-SB-1*	B1-041-SB-8*	B1-042-SB-1*	B1-042-SB-5*	B1-043-SB-1	B1-043-SB-5	B1-044-SB-1	B1-044-SB-5	B1-045-SB-1	B1-045-SB-5	B1-046-SB-1	B1-046-SB-6	B1-047-SB-1	B1-047-SB-5	B1-047-SB-10*	B1-048-SB-1	B1-048-SB-7	B1-049-SB-1	B1-049-SB-5	B1-050-SB-1	B1-050-SB-5
Volatile Organic Compounds																							
1,1,1-Trichloroethane	mg/kg	36,000	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
1,2-Dichlorobenzene	mg/kg	9,300	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
1,2-Dichloroethane	mg/kg	2	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
2-Butanone (MEK)	mg/kg	190,000	0.01 U	0.011 U	0.011 U	0.0094 U	0.011 U	0.011 U	0.01 U	0.013 U	0.0088 U	0.025 U	0.009 U	0.0093 U	0.0085 U	0.021 U	N/A	0.012 U	0.0088 U	0.011 U	0.023 U	0.011 U	0.015 U
2-Hexanone	mg/kg	1,300	0.01 U	0.011 U	0.011 U	0.0094 U	0.011 U	0.011 U	0.01 U	0.013 U	0.0088 U	0.025 U	0.009 U	0.0093 U	0.0085 U	0.021 U	N/A	0.012 U	0.0088 U	0.011 U	0.023 U	0.011 U	0.015 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.01 U	0.011 U	0.011 U	0.0094 U	0.011 U	0.011 U	0.01 U	0.013 U	0.0088 U	0.025 U	0.009 U	0.0093 U	0.0085 U	0.021 U	N/A	0.012 U	0.0088 U	0.011 U	0.023 U	0.011 U	0.015 U
Acetone	mg/kg	670,000	0.01 U	**0.04**	**0.076**	0.027 B	**0.025**	0.011 U	**0.02**	**0.058 J**	0.0088 U	0.025 U	0.009 U	0.019 B	0.0085 UJ	0.012 B	N/A	0.012 UJ	0.0088 UJ	0.011 UJ	0.023 UJ	0.011 UJ	0.015 UJ
Benzene	mg/kg	5.1	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	**0.022**	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Carbon disulfide	mg/kg	3,500	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Carbon tetrachloride	mg/kg	2.9	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 UJ	0.0053 UJ	0.005 UJ	0.0064 U	0.0044 UJ	0.012 UJ	0.0045 UJ	0.0047 UJ	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Chloroform	mg/kg	1.4	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Cyclohexane	mg/kg	27,000	0.01 U	0.011 U	0.011 U	0.0094 U	0.011 U	0.011 U	0.01 U	0.013 U	0.0088 U	0.025 U	0.009 U	0.0093 U	0.0085 U	**0.0089 J**	N/A	0.012 U	0.0088 U	0.011 U	0.023 U	0.011 U	0.015 U
Ethylbenzene	mg/kg	25	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Isopropylbenzene	mg/kg	9,900	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Methyl Acetate	mg/kg	1,200,000	0.05 U	0.054 U	0.055 U	0.047 U	0.053 U	0.053 U	0.05 U	0.064 U	0.044 U	0.12 U	0.045 U	0.047 U	0.043 U	0.1 U	N/A	0.059 U	0.044 U	0.054 U	0.11 U	0.057 U	0.073 U
Methylene Chloride	mg/kg	1,000	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Tetrachloroethene	mg/kg	100	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Toluene	mg/kg	47,000	**0.0032 J**	**0.0042 J**	**0.0029 J**	**0.0048**	0.0042 B	0.0053 U	0.006 B	0.0039 B	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	**0.03**	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Trichloroethene	mg/kg	6	0.005 U	0.0054 U	0.0055 U	0.0047 U	0.0053 U	0.0053 U	0.005 U	0.0064 U	0.0044 U	0.012 U	0.0045 U	0.0047 U	0.0043 U	0.01 U	N/A	0.0059 U	0.0044 U	0.0054 U	0.011 U	0.0057 U	0.0073 U
Xylenes	mg/kg	2,800	0.015 U	0.016 U	0.016 U	0.014 U	0.016 U	0.016 U	0.015 U	0.019 U	0.013 U	0.037 U	0.014 U	0.014 U	0.013 U	**0.016 J**	N/A	0.018 U	0.013 U	0.016 U	0.034 U	0.017 U	0.022 U
Semi-Volatile Organic Compounds^																							
1,1-Biphenyl	mg/kg	200	**0.25**	0.069 U	**0.045 J**	0.08 U	0.071 U	**0.024 J**	0.07 UJ	**0.049 J**	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	**0.12 J**	N/A	**0.052 J**	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 UJ	0.071 U	0.081 UJ	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2,4,6-Trichlorophenol	mg/kg	210	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2,4-Dimethylphenol	mg/kg	16,000	**0.14**	0.069 U	**0.043 J**	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.17 U	0.18 U	0.2 U	0.18 UJ	0.2 UJ	0.18 UJ	0.19 UJ	0.36 UJ	0.26 U	0.18 UJ	0.2 U	0.18 U	0.23 U	N/A	0.18 U	0.2 U	0.19 U	0.3 U	0.19 U	0.21 U
2,4-Dinitrotoluene	mg/kg	7.4	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2-Chloronaphthalene	mg/kg	60,000	**0.18**	0.069 U	**0.16**	0.08 U	0.071 U	0.081 U	0.07 UJ	**0.017 J**	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2-Chlorophenol	mg/kg	5,800	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2-Methylnaphthalene	mg/kg	3,000	**0.16**	0.007 U	**0.28**	**0.0076 J**	**0.034**	**0.04**	**0.038**	**0.1**	**0.058**	**0.0086 J**	**0.018**	0.0082 U	**0.021**	**1**	0.0039 B	**0.13**	**0.0011 J**	**0.011**	0.012 U	**0.042**	**0.065**
2-Methylphenol	mg/kg	41,000	**0.12**	0.069 U	**0.046 J**	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.17 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 UJ	0.19 U	0.36 UJ	0.26 U	0.18 U	0.2 U	0.18 U	0.23 U	N/A	0.18 U	0.2 U	0.19 U	0.3 U	0.19 U	0.21 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	**0.27**	0.14 U	**0.12 J**	0.16 U	0.14 U	0.16 U	0.14 UJ	0.15 U	0.28 U	0.21 U	0.14 U	0.16 U	0.14 U	0.18 U	N/A	0.14 U	0.16 U	0.15 U	0.24 U	0.15 U	0.17 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 UJ	0.07 UJ	0.076 UJ	0.14 UJ	0.1 U	0.071 UJ	0.081 U	0.072 UJ	0.09 UJ	N/A	0.071 UJ	0.08 U	0.077 U	0.12 U	0.074 UJ	0.083 U
4-Chloroaniline	mg/kg	11	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
4-Nitroaniline	mg/kg	110	0.18 U	0.17 U	0.18 U	0.2 U	0.18 UJ	0.2 UJ	0.18 UJ	0.19 UJ	0.36 UJ	0.26 U	0.18 UJ	0.2 U	0.18 U	0.23 U	N/A	0.18 U	0.2 U	0.19 U	0.3 U	0.19 U	0.21 U
Acenaphthene	mg/kg	45,000	**0.029**	0.007 U	**0.045**	0.0082 U	**0.0032 J**	**0.0018 J**	**0.0062 J**	**0.12**	**0.042**	**0.0014 J**	**0.0051 J**	0.0082 U	**0.01**	**1.9**	**0.0044 J**	**0.16**	0.0082 U	**0.0021 J**	0.012 U	**0.012**	**0.0062 J**
Acenaphthylene	mg/kg	45,000	**0.053**	0.007 U	**0.059**	**0.0011 J**	**0.062**	**0.0077 J**	**0.027**	**0.043**	**0.13**	**0.0023 J**	**0.019**	0.0082 U	**0.096**	**0.12**	**0.0017 J**	**0.14**	**0.0016 J**	**0.051**	0.012 U	**0.1**	**0.018**
Acetophenone	mg/kg	120,000	**0.024 J**	0.069 U	**0.036 J**	0.08 U	0.071 U	**0.033 J**	0.07 UJ	**0.023 J**	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	**0.12 J**	N/A	**0.023 J**	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
Anthracene	mg/kg	230,000	**0.14**	0.007 U	**0.29**	**0.0016 J**	**0.074**	**0.014**	**0.045**	**0.51**	**0.49**	**0.0072 J**	**0.026**	**0.0012 J**	**0.14**	**15.3**	**0.017**	**0.83**	**0.0046 J**	**0.044**	0.0021 B	**0.11**	**0.074**
Benz[a]anthracene	mg/kg	21	**0.4**	**0.0021 J**	**1.1**	**0.0061 J**	**0.12**	**0.054**	**0.18**	**2.7**	**1.4**	**0.0078 J**	**0.095**	0.0082 U	**0.67**	**25.3**	**0.015**	**3.3**	**0.012**	**0.12**	**0.0031 J**	**0.43**	**0.38**
Benzaldehyde	mg/kg	120,000	**0.075**	0.069 U	**0.048 J**	0.08 U	0.071 R	**0.021 J**	0.07 R	**0.025 J**	0.14 R	0.1 R	0.071 R	0.081 R	0.072 R	**0.087 J**	N/A	0.071 R	0.08 R	0.077 R	0.12 R	0.074 R	0.083 R
Benzo[a]pyrene	mg/kg	2.1	**0.47**	**0.0015 J**	**1.4**	**0.0062 J**	**0.18**	**0.056**	**0.19**	**2.5**	**2 J**	**0.0065 J**	**0.098 J**	0.0082 UJ	**0.74 J**	**16**	**0.0092**	**3.2 J**	**0.0079 J**	**0.22**	**0.0019 J**	**0.55**	**0.36**
Benzo[b]fluoranthene	mg/kg	21	**1.1**	**0.0032 J**	**2.8**	**0.014**	**0.5**	**0.12**	**0.44**	**5.8**	**7.3 J**	**0.023 J**	**0.29 J**	**0.0023 J**	**1.4**	**37.9**	**0.029**	**7.3 J**	**0.028 J**	**0.43 J**	**0.0053 J**	**1.2**	**0.89**
Benzo[g,h,i]perylene	mg/kg		**0.2**	**0.0015 J**	**0.51**	**0.0055 J**	**0.21**	**0.042**	**0.17**	**0.99**	**0.52 J**	**0.0054 J**	**0.059 J**	**0.002 J**	**0.26 J**	**4.8**	**0.0031 J**	**0.99 J**	**0.0096 J**	**0.18**	**0.0029 J**	**0.17**	**0.3**
Benzo[k]fluoranthene	mg/kg	210	**1.1**	**0.0033 J**	**2.7**	**0.014**	**0.5**	**0.12**	**0.45**	**5.6**	**7 J**	**0.021 J**	**0.28 J**	**0.0013 J**	**1.4**	**36.6**	**0.03**	**7 J**	**0.027 J**	**0.44 J**	**0.0054 J**	**1.2**	**0.9**
bis(2-Chloroethyl)ether	mg/kg	1	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 UJ	0.071 U	0.081 UJ	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.073 U	0.069 U	0.073 U	0.08 U	0.071 UJ	0.081 UJ	0.07 UJ	0.076 UJ	0.14 UJ	0.1 U	0.071 UJ	0.081 U	0.072 UJ	0.09 UJ	N/A	0.071 UJ	0.08 UJ	0.077 U	0.12 U	0.074 UJ	0.083 UJ
Caprolactam	mg/kg	400,000	0.18 U	0.17 U	0.18 U	0.2 U	0.18 UJ	**0.057 J**	**0.049 J**	0.19 UJ	0.36 UJ	0.26 UJ	0.18 UJ	0.2 UJ	0.18 U	**0.35 J**	N/A	0.18 U	0.2 U	0.19 U	0.3 U	0.19 U	0.21 U
Carbazole	mg/kg		**0.15**	0.069 U	**0.12**	0.08 U	**0.018 J**	**0.021 J**	**0.027 J**	**0.58 J**	**0.065 J**	0.1 U	0.071 U	0.081 U	**0.039 J**	**0.063 J**	N/A	**0.69 J**	0.08 U	0.077 U	0.12 U	0.074 U	**0.044 J**
Chrysene	mg/kg	2,100	**0.45**	**0.0016 J**	**1.1**	**0.01**	**0.16**	**0.082**	**0.22**	**2.6**	**1.9**	**0.0076 J**	**0.12**	**0.0016 J**	**0.7**	**24.8**	**0.016**	**3.1**	**0.014**	**0.13**	**0.0022 J**	**0.42**	**0.45**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.069**	0.007 U	**0.21**	**0.0017 J**	**0.069**	**0.019**	**0.056**	**0.43**	**0.21 J**	0.01 UJ	**0.014 J**	0.0082 UJ	**0.09 J**	**1.4**	0.0082 U	**0.34 J**	0.0082 UJ	**0.054**	0.012 U	**0.076**	**0.13**
Diethylphthalate	mg/kg	660,000	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
Di-n-butylphthalate	mg/kg	82,000	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
Di-n-ocytlphthalate	mg/kg	8,200	0.073 U	0.069 U	0.073 U	0.08 U	0.071 UJ	0.081 UJ	0.07 UJ	0.076 UJ	0.14 UJ	0.1 U	0.071 UJ	0.081 U	0.072 UJ	0.09 UJ	N/A	0.071 UJ	0.08 U	0.077 U	0.12 U	0.074 UJ	0.083 UJ
Fluoranthene	mg/kg	30,000	**1**	**0.0025 J**	**1.7**	**0.0098**	**0.16**	**0.083**	**0.28**	**6.3**	**2.2**	**0.013**	**0.17**	**0.0031 J**	**1.2**	**73.6**	**0.11**	**7.2**	**0.033 J**	**0.13**	0.0029 B	**0.61**	**0.6**
Fluorene	mg/kg	30,000	**0.033**	0.007 U	**0.047**	**0.0012 J**	**0.0049 J**	**0.0044 J**	**0.0071**	**0.11**	**0.038**	**0.0017 J**	**0.0047 J**	0.0082 U	**0.012**	**0.86**	**0.016**	**0.097**	0.0082 U	**0.0052 J**	0.012 U	**0.016**	**0.0079 J**
Hexachloroethane	mg/kg	8	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.19**	**0.0012 J**	**0.52**	**0.0043 J**	**0.2**	**0.04**	**0.15**	**1**	**0.57 J**	**0.0041 J**	**0.044 J**	0.0082 UJ	**0.24 J**	**4.2**	**0.0027 J**	**0.96 J**	**0.0054 J**	**0.15**	**0.0022 J**	**0.15**	**0.31**
Naphthalene	mg/kg	17	**0.22**	0.007 U	**0.19**	**0.0064 J**	**0.036**	**0.028**	**0.041**	**0.086**	**0.054**	**0.0075 J**	**0.016**	**0.0022 J**	**0.019**	**0.97**	0.0076 B	**0.12**	**0.0015 J**	**0.015**	0.0026 B	**0.041**	**0.06**
N-Nitrosodiphenylamine	mg/kg	470	0.073 U	0.069 U	0.073 U	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 UJ	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 U	0.083 U
Pentachlorophenol	mg/kg	4	0.18 U	0.17 U	0.18 U	0.2 U	0.18 UJ	0.2 UJ	0.18 UJ	**0.044 J**	0.36 UJ	0.26 U	0.18 UJ	0.2 U	0.18 U	0.23 U	N/A	0.18 U	0.2 U	0.19 U	0.3 U	0.19 U	0.21 U
Phenanthrene	mg/kg		**0.54**	**0.0017 J**	**1.2**	**0.011**	**0.084**	**0.096**	**0.12**	**2.8**	**0.34**	**0.012**	**0.072**	**0.003 J**	**0.32**	**64.4**	**0.17**	**4.1**	**0.018**	**0.039**	0.0026 B	**0.15**	**0.29**
Phenol	mg/kg	250,000	**0.15**	0.069 U	**0.055 J**	0.08 U	0.071 U	0.081 U	0.07 UJ	0.076 U	0.14 U	0.1 U	0.071 U	0.081 U	0.072 U	0.09 U	N/A	0.071 U	0.08 U	0.077 U	0.12 U	0.074 UJ	0.083 U
Pyrene	mg/kg	23,000	**1.1**	**0.0021 J**	**1.7**	**0.0087**	**0.14**	**0.076**	**0.26**	**4.9**	**3.3**	**0.012**	**0.16**	**0.0025 J**	**1.4**	**80.4**	**0.077**	**7.6**	**0.026 J**	**0.21 J**	0.003 B	**0.96**	**0.46**
PCBs																							
Aroclor 1242	mg/kg	0.97	**0.29**	N/A	0.0545 U	N/A	0.052 U	N/A	0.064 U	N/A	0.0539 U	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	0.0558 U	N/A	0.0609 U	N/A	0.0557 U	N/A
Aroclor 1248	mg/kg	0.94	0.0526 U	N/A	0.0545 U	N/A	0.052 U	N/A	0.064 U	N/A	0.0539 U	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	0.0558 U	N/A	0.0609 U	N/A	0.0557 U	N/A
Aroclor 1254	mg/kg	0.97	0.0526 U	N/A	0.0545 U	N/A	0.052 U	N/A	0.064 U	N/A	0.0539 U	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	**0.0469 J**	N/A	0.0609 U	N/A	0.0557 U	N/A
Aroclor 1260	mg/kg	0.99	0.0526 U	N/A	0.0545 U	N/A	0.052 U	N/A	0.064 U	N/A	**0.0265 J**	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	0.0558 U	N/A	0.0609 U	N/A	0.0557 U	N/A
Aroclor 1262	mg/kg		0.0526 U	N/A	0.0545 U	N/A	0.052 U	N/A	0.064 U	N/A	0.0539 U	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	0.0558 U	N/A	0.0609 U	N/A	0.0557 U	N/A
Aroclor 1268	mg/kg		**0.148**	N/A	**0.0246 J**	N/A	0.052 U	N/A	0.064 U	N/A	0.0539 U	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	0.0558 U	N/A	0.0609 U	N/A	0.0557 U	N/A
PCBs (total)	mg/kg	0.97	**0.438**	N/A	**0.0246 J**	N/A	0.052 U	N/A	0.064 U	N/A	**0.0265 J**	N/A	0.0524 U	N/A	0.0574 U	N/A	N/A	**0.0469 J**	N/A	0.0609 U	N/A	0.0557 U	N/A
TPH/Oil and Grease																							
Diesel Range Organics	mg/kg	6,200	**182**	7 U	**125**	**5.8 J**	**29.9 J**	**17.6 J**	**22.5 J**	**333 J**	**146 J**	**6.6 J**	**22.9 J**	**8.3 J**	**50.6 J**	**178 J**	N/A	**140 J**	**5.8 J**	**11.2**	6.9 B	**36.1**	**34.6**
Gasoline Range Organics	mg/kg	6,200	11.6 U	13 U	14.9 U	11.2 U	13.9 U	13.3 U	8.4 U	11.6 U	7.8 U	13.3 U	9.8 U	10 U	10.3 U	23.1 U	N/A	22.8 U	10.6 UJ	10.7 UJ	25.6 U	9.6 U	16.3 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-051-SB-1	B1-051-SB-5	B1-052-SB-1	B1-052-SB-5	B1-053-SB-1*	B1-053-SB-7*	B1-054-SB-1*	B1-054-SB-5*	B1-055-SB-1*	B1-055-SB-6.5*	B1-056-SB-1*	B1-056-SB-7.5*	B1-057-SB-1*	B1-057-SB-5*	B1-058-SB-1*	B1-058-SB-7.5*	B1-059-SB-1*	B1-059-SB-7*	B1-060-SB-1*
Volatile Organic Compounds																					
1,1,1-Trichloroethane	mg/kg	36,000	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
1,2-Dichloroethane	mg/kg	2	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
2-Butanone (MEK)	mg/kg	190,000	0.0096 U	0.013 U	0.0099 U	0.012 U	0.0095 U	0.0097 U	0.0093 U	0.01 U	0.011 U	**0.0027 J**	0.012 U	0.01 U	0.0087 U	0.017 U	0.0092 U	0.013 U	0.019 U	0.018 U	0.014 U
2-Hexanone	mg/kg	1,300	0.0096 U	0.013 U	0.0099 U	0.012 U	0.0095 U	0.0097 U	0.0093 U	0.01 U	0.011 U	0.011 U	0.012 U	0.01 U	0.0087 U	0.017 U	0.0092 U	0.013 U	0.019 U	0.018 U	0.014 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0096 U	0.013 U	0.0099 U	0.012 U	0.0095 U	0.0097 U	0.0093 U	0.01 U	0.011 U	0.011 U	0.012 U	0.01 U	0.0087 U	0.017 U	0.0092 U	0.013 U	0.019 U	0.018 U	0.014 U
Acetone	mg/kg	670,000	0.0096 UJ	0.013 UJ	0.0099 UJ	0.012 UJ	**0.01**	**0.0074 J**	**0.011**	0.01 U	0.011 U	**0.02**	0.012 U	**0.018**	**0.0059 J**	**0.01 J**	0.0092 U	**0.019**	0.019 U	0.018 U	0.014 U
Benzene	mg/kg	5.1	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	**0.0033 J**	0.0046 U	0.0052 U	0.0057 U	**0.0023 J**	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Carbon disulfide	mg/kg	3,500	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Carbon tetrachloride	mg/kg	2.9	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Chloroform	mg/kg	1.4	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Cyclohexane	mg/kg	27,000	0.0096 U	0.013 U	0.0099 U	0.012 U	0.0095 U	0.0097 U	0.0093 U	0.01 U	0.011 U	0.011 U	0.012 U	0.01 U	0.0087 U	0.017 U	0.0092 U	0.013 U	0.019 U	0.018 U	0.014 U
Ethylbenzene	mg/kg	25	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Isopropylbenzene	mg/kg	9,900	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Methyl Acetate	mg/kg	1,200,000	0.048 U	0.064 U	0.05 U	0.059 U	0.047 U	0.048 U	0.046 U	0.052 U	0.057 U	0.054 U	0.059 U	0.05 U	0.044 U	0.086 U	0.046 U	0.063 U	0.097 U	0.088 U	0.071 U
Methylene Chloride	mg/kg	1,000	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Tetrachloroethene	mg/kg	100	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Toluene	mg/kg	47,000	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	**0.0036 J**	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Trichloroethene	mg/kg	6	0.0048 U	0.0064 U	0.005 U	0.0059 U	0.0047 U	0.0048 U	0.0046 U	0.0052 U	0.0057 U	0.0054 U	0.0059 U	0.005 U	0.0044 U	0.0086 U	0.0046 U	0.0063 U	0.0097 U	0.0088 U	0.0071 U
Xylenes	mg/kg	2,800	0.014 U	0.019 U	0.015 U	0.018 U	0.014 U	0.015 U	0.014 U	0.015 U	0.017 U	0.016 U	0.018 U	0.015 U	0.013 U	0.026 U	0.014 U	0.019 U	0.029 U	0.026 U	0.021 U
Semi-Volatile Organic Compounds^																					
1,1-Biphenyl	mg/kg	200	0.072 U	**0.059 J**	0.073 U	**0.061 J**	0.07 U	0.079 U	0.072 U	0.075 U	**0.021 J**	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	**0.058 J**	**0.026 J**	**0.047 J**
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
2,4,6-Trichlorophenol	mg/kg	210	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
2,4-Dimethylphenol	mg/kg	16,000	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	**0.039 J**	**0.021 J**	**0.032 J**
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.21 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.2 U	0.19 U	0.2 U	0.95 U	0.19 U	0.19 U	0.18 U	0.19 U
2,4-Dinitrotoluene	mg/kg	7.4	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
2-Chloronaphthalene	mg/kg	60,000	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	**0.11**	**0.47**	**0.092**
2-Chlorophenol	mg/kg	5,800	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
2-Methylnaphthalene	mg/kg	3,000	**0.039**	**0.067**	**0.02**	**0.18**	**0.026**	**0.098**	**0.021**	**0.02**	**0.13**	**0.026**	**0.016**	**0.032**	**0.058**	**0.0094**	**0.084**	**0.027**	**0.36**	**0.074**	**0.48**
2-Methylphenol	mg/kg	41,000	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	**0.04 J**	**0.028 J**	**0.039 J**
2-Nitroaniline	mg/kg	8,000	0.18 U	0.21 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.2 U	0.19 U	0.2 U	0.95 U	0.19 U	0.19 U	0.18 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.14 U	**0.05 J**	0.15 U	**0.025 J**	0.14 U	0.16 U	0.14 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U	0.16 U	0.76 U	0.15 U	**0.081 J**	**0.069 J**	**0.094 J**
3,3'-Dichlorobenzidine	mg/kg	5.1	0.072 U	0.084 UJ	0.073 UJ	0.08 UJ	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
4-Chloroaniline	mg/kg	11	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
4-Nitroaniline	mg/kg	110	0.18 U	0.21 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.2 U	0.19 U	0.2 U	0.95 U	0.19 U	0.19 U	0.18 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.0044 J**	**0.014**	**0.0031 J**	**0.015**	**0.002 J**	**0.0069 J**	**0.0051 J**	**0.012**	0.01 B	**0.012**	0.0018 B	**0.019**	**0.025**	**0.0027 J**	0.077 U	**0.0038 J**	**0.039**	**0.0098**	**0.079**
Acenaphthylene	mg/kg	45,000	**0.036**	**0.016**	**0.033**	**0.082**	**0.013**	**0.027**	**0.021**	**0.13**	**0.09**	**0.011**	**0.003 J**	**0.048**	**0.42**	**0.044**	**0.016 J**	**0.014**	**0.094**	**0.0057 J**	**0.042**
Acetophenone	mg/kg	120,000	0.072 U	**0.025 J**	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	**0.035 J**	0.082 U	0.38 U	0.075 U	**0.025 J**	0.072 U	**0.034 J**
Anthracene	mg/kg	230,000	**0.053**	**0.16**	**0.052**	**0.16**	**0.029**	**0.056**	**0.038**	**0.14**	0.089 B	**0.041**	0.0075 B	**0.062**	**0.19**	**0.099**	**0.021 J**	**0.045**	**0.22**	**0.11**	**0.32**
Benz[a]anthracene	mg/kg	21	**0.16**	**0.43**	**0.21**	**0.64**	**0.052**	**0.19**	**0.12**	**0.53**	**0.28**	**0.055**	**0.026**	**0.12**	**0.62**	**0.2**	**0.046 J**	**0.061**	**0.46**	**0.061**	**0.37**
Benzaldehyde	mg/kg	120,000	0.072 R	**0.019 J**	0.073 R	**0.063 J**	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	**0.03 J**	0.082 U	0.38 U	0.075 U	**0.085**	0.072 U	**0.066 J**
Benzo[a]pyrene	mg/kg	2.1	**0.21**	**1.1 J**	**0.27 J**	**0.62**	**0.046**	**0.22**	**0.11**	**0.48**	**0.32**	**0.065**	**0.031**	**0.16**	**0.65**	**0.13**	**0.057 J**	**0.081**	**0.51**	**0.063**	**0.46**
Benzo[b]fluoranthene	mg/kg	21	**0.47**	**1.9**	**0.73 J**	**1.5**	**0.19**	**0.56**	**0.33**	**1.1**	**0.77**	**0.13**	**0.079**	**0.34**	**1.1**	**0.37**	**0.22**	**0.23**	**1.3**	**0.13**	**1.2**
Benzo[g,h,i]perylene	mg/kg		**0.19**	**0.45 J**	**0.12 J**	**0.42**	**0.02**	**0.074**	**0.06**	**0.11**	**0.29**	**0.044**	**0.023**	**0.12**	**0.26**	**0.033**	**0.061 J**	**0.036**	**0.16**	**0.02**	**0.097**
Benzo[k]fluoranthene	mg/kg	210	**0.48**	**1.9**	**0.7 J**	**1.5**	**0.19**	**0.58**	**0.34**	**1.1**	**0.79**	**0.13**	**0.081**	**0.35**	**0.58**	**0.38**	**0.22**	**0.24**	**1.2**	**0.12**	**1.2**
bis(2-Chloroethyl)ether	mg/kg	1	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.072 U	0.084 UJ	0.073 UJ	0.08 UJ	**0.024 J**	0.079 U	0.072 U	0.075 U	**0.043 J**	0.081 U	0.073 U	0.082 U	**0.016 J**	0.082 U	**1.1**	0.075 U	**0.07 J**	0.072 U	**0.044 J**
Caprolactam	mg/kg	400,000	0.18 U	0.21 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.2 U	0.19 U	0.2 U	0.95 U	0.19 U	0.19 U	0.18 U	0.19 U
Carbazole	mg/kg		0.072 U	**0.33 J**	0.073 U	**0.1 J**	0.07 U	**0.026 J**	0.072 U	**0.026 J**	**0.037 J**	**0.021 J**	0.073 U	**0.025 J**	**0.027 J**	**0.052 J**	0.38 U	0.075 U	**0.12**	**0.033 J**	**0.087**
Chrysene	mg/kg	2,100	**0.2**	**0.36**	**0.19**	**0.75**	**0.079**	**0.23**	**0.16**	**0.48**	**0.32**	**0.069**	**0.037**	**0.14**	**0.62**	**0.17**	**0.093**	**0.076**	**0.56**	**0.08**	**0.47**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.067**	**0.16 J**	**0.042 J**	**0.19**	**0.0068 J**	**0.04**	**0.024**	**0.06**	**0.099**	**0.018**	**0.0079**	**0.046**	**0.12**	**0.022**	0.077 U	**0.012**	**0.077**	**0.011**	**0.055**
Diethylphthalate	mg/kg	660,000	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
Di-n-butylphthalate	mg/kg	82,000	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
Di-n-ocytlphthalate	mg/kg	8,200	0.072 U	0.084 UJ	0.073 UJ	0.08 UJ	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
Fluoranthene	mg/kg	30,000	**0.23**	**0.63**	**0.25**	**1.1**	**0.13**	**0.36**	**0.27**	**1.1**	**0.43**	**0.17**	**0.036**	**0.24**	**1.1**	**0.48**	**0.14**	**0.11**	**0.72**	**0.093**	**0.51**
Fluorene	mg/kg	30,000	**0.0043 J**	**0.012**	**0.0041 J**	**0.024**	**0.0019 J**	**0.0088**	**0.0052 J**	**0.019**	0.011 B	**0.029**	0.0025 B	**0.042**	**0.034**	**0.01**	**0.0091 J**	**0.0047 J**	**0.049**	**0.012**	**0.054**
Hexachloroethane	mg/kg	8	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.18**	**0.56 J**	**0.11 J**	**0.47**	**0.02**	**0.089**	**0.063**	**0.15**	**0.27**	**0.042**	**0.021**	**0.13**	**0.28**	**0.045**	**0.031 J**	**0.032**	**0.17**	**0.019**	**0.1**
Naphthalene	mg/kg	17	**0.03**	**0.17**	**0.02**	**0.16**	**0.033**	**0.088**	**0.029**	**0.048**	0.17 B	**0.044**	0.016 B	**0.088**	**0.14**	**0.0099**	**0.13**	**0.035**	**0.32**	**0.036**	**0.27**
N-Nitrosodiphenylamine	mg/kg	470	0.072 U	0.084 U	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	0.076 U	0.072 U	0.076 U
Pentachlorophenol	mg/kg	4	0.18 U	0.21 U	0.18 U	0.2 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.2 U	0.19 U	0.2 U	0.95 U	0.19 U	0.19 U	0.18 U	0.19 U
Phenanthrene	mg/kg		**0.11**	**0.42**	**0.081**	**0.7**	**0.081**	**0.21**	**0.16**	**0.31**	0.22 B	**0.15**	0.03 B	**0.19**	**0.47**	**0.4**	**0.16**	**0.06**	**0.88**	**0.47**	**1.5**
Phenol	mg/kg	250,000	0.072 U	**0.054 J**	0.073 U	0.08 U	0.07 U	0.079 U	0.072 U	0.075 U	0.074 U	0.081 U	0.073 U	0.082 U	0.078 U	0.082 U	0.38 U	0.075 U	**0.042 J**	0.072 U	**0.054 J**
Pyrene	mg/kg	23,000	**0.23**	**0.48**	**0.25**	**0.86**	**0.12**	**0.3**	**0.23**	**0.9**	**0.4**	**0.16**	**0.037**	**0.22**	**0.93**	**0.31**	**0.11**	**0.11**	**0.67**	**0.11**	**0.51**
PCBs																					
Aroclor 1242	mg/kg	0.97	0.0597 U	N/A	0.0573 U	N/A	0.0539 U	N/A	0.0534 U	N/A	0.0557 U	N/A	0.054 U	N/A	0.0599 U	N/A	0.0567 U	N/A	0.0556 U	N/A	0.0567 U
Aroclor 1248	mg/kg	0.94	0.0597 U	N/A	0.0573 U	N/A	0.0539 U	N/A	0.0534 U	N/A	0.0557 U	N/A	0.054 U	N/A	0.0599 U	N/A	0.0567 U	N/A	0.0556 U	N/A	**0.344**
Aroclor 1254	mg/kg	0.97	0.0597 U	N/A	0.0573 U	N/A	0.0539 U	N/A	**0.353**	N/A	**0.329**	N/A	0.054 U	N/A	0.0599 U	N/A	**2.4**	N/A	**1.28**	N/A	**0.882**
Aroclor 1260	mg/kg	0.99	0.0597 U	N/A	0.0573 U	N/A	**0.0565**	N/A	**0.123**	N/A	**0.22**	N/A	**0.0472 J**	N/A	0.0599 U	N/A	**0.515**	N/A	**0.309**	N/A	0.0567 U
Aroclor 1262	mg/kg		0.0597 U	N/A	0.0573 U	N/A	0.0539 U	N/A	0.0534 U	N/A	0.0557 U	N/A	0.054 U	N/A	0.0599 U	N/A	0.0567 U	N/A	0.0556 U	N/A	0.0567 U
Aroclor 1268	mg/kg		0.0597 U	N/A	0.0573 U	N/A	0.0539 U	N/A	0.0534 U	N/A	0.0557 U	N/A	0.054 U	N/A	0.0599 U	N/A	0.0567 U	N/A	0.0556 U	N/A	0.0567 U
PCBs (total)	mg/kg	0.97	0.0597 U	N/A	0.0573 U	N/A	**0.0565**	N/A	**0.476**	N/A	**0.549**	N/A	**0.0472 J**	N/A	0.0599 U	N/A	**2.915**	N/A	**1.589**	N/A	**1.226**
TPH/Oil and Grease																					
Diesel Range Organics	mg/kg	6,200	**57.4**	**73.8**	**44.1**	**56.1**	**175**	**35.9**	**69.7**	**28.1**	**157**	**30.7**	**19.8**	**62.6**	**71.9**	**31.3**	**631**	**244**	**171**	**124**	**262**
Gasoline Range Organics	mg/kg	6,200	10.6 U	11.2 U	10.1 U	12.8 U	9.3 U	11.8 U	10.1 U	9.9 U	16 U	12.2 U	13.5 U	**15.7**	10.4 U	16.1 U	9.7 U	12.7 U	18.2 U	19.4 U	17.2 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-060-SB-5*	B1-061-SB-1*	B1-061-SB-7*	B1-062-SB-1*	B1-062-SB-6*	B1-063-SB-1	B1-063-SB-5	B1-064-SB-1	B1-064-SB-5	B1-065-SB-1*	B1-065-SB-4*	B1-066-SB-1*	B1-066-SB-9*	B1-067-SB-1*	B1-067-SB-9*	B1-068-SB-1*	B1-069-SB-1*	B1-069-SB-8*	B1-070-SB-1	B1-071-SB-1*
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
1,2-Dichloroethane	mg/kg	2	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
2-Butanone (MEK)	mg/kg	190,000	0.012 U	0.0091 U	0.012 U	0.011 U	0.011 U	0.0092 UJ	0.014 UJ	0.0085 UJ	0.006 UJ	0.011 U	0.013 U	0.014 U	0.01 U	0.011 U	0.013 U	0.01 U	0.012 U	0.012 U	0.011 U	0.0087 U
2-Hexanone	mg/kg	1,300	0.012 U	0.0091 U	0.012 U	0.011 U	0.011 U	0.0092 U	0.014 U	0.0085 U	0.006 U	0.011 U	0.013 U	0.014 U	0.01 U	0.011 U	0.013 U	0.01 U	0.012 U	0.012 U	0.011 U	0.0087 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.012 U	0.0091 U	0.012 U	0.011 U	0.011 U	0.0092 U	0.014 U	0.0085 U	0.006 U	0.011 U	0.013 U	0.014 U	0.01 U	0.011 U	0.013 U	0.01 U	0.012 U	0.012 U	0.011 U	0.0087 U
Acetone	mg/kg	670,000	0.012 U	0.0091 U	**0.028**	0.0081 B	0.027 B	0.0092 U	0.014 U	0.0085 U	0.006 U	0.011 U	0.013 U	0.014 U	0.01 U	0.011 U	0.013 U	**0.0087 J**	0.012 U	**0.015**	0.011 U	0.0087 U
Benzene	mg/kg	5.1	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	**0.0021 J**	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	**0.0017 J**	0.0053 U	0.0043 U
Carbon disulfide	mg/kg	3,500	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Carbon tetrachloride	mg/kg	2.9	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Chloroform	mg/kg	1.4	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Cyclohexane	mg/kg	27,000	0.012 U	0.0091 U	0.012 U	0.011 U	0.011 U	0.0092 U	0.014 U	0.0085 U	0.006 U	0.011 U	0.013 U	0.014 U	0.01 U	0.011 U	0.013 U	0.01 U	0.012 U	0.012 U	0.011 U	0.0087 U
Ethylbenzene	mg/kg	25	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Isopropylbenzene	mg/kg	9,900	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Methyl Acetate	mg/kg	1,200,000	0.061 U	0.046 U	0.06 U	0.055 U	0.055 U	0.046 U	0.071 U	0.042 U	0.03 U	0.053 U	0.064 U	0.068 U	0.052 U	0.056 U	0.066 U	0.051 U	0.058 U	0.06 U	0.053 U	0.043 U
Methylene Chloride	mg/kg	1,000	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Tetrachloroethene	mg/kg	100	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Toluene	mg/kg	47,000	0.0061 U	**0.0037 J**	**0.0057 J**	**0.0026 J**	**0.0064**	0.0046 U	**0.0027 J**	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	**0.0036 J**	0.0053 U	0.0043 U
Trichloroethene	mg/kg	6	0.0061 U	0.0046 U	0.006 U	0.0055 U	0.0055 U	0.0046 U	0.0071 U	0.0042 U	0.003 U	0.0053 U	0.0064 U	0.0068 U	0.0052 U	0.0056 U	0.0066 U	0.0051 U	0.0058 U	0.006 U	0.0053 U	0.0043 U
Xylenes	mg/kg	2,800	0.018 U	0.014 U	0.018 U	0.016 U	0.017 U	0.014 U	0.021 U	0.013 U	0.009 U	0.016 U	0.019 U	0.02 U	0.016 U	0.017 U	0.02 U	0.015 U	0.017 U	0.018 U	0.016 U	0.013 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	**0.045 J**	**0.05 J**	0.076 U	**0.08**	0.074 U	0.072 U	**0.037 J**	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	**0.2**	0.073 U	**0.032 J**	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 R	0.081 R	0.073 R	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2,4,6-Trichlorophenol	mg/kg	210	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 R	0.081 R	0.073 R	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2,4-Dimethylphenol	mg/kg	16,000	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 R	0.081 R	0.073 R	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2,4-Dinitrophenol	mg/kg	1,600	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 R	0.2 R	0.18 R	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.18 UJ	0.18 U
2,4-Dinitrotoluene	mg/kg	7.4	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2-Chloronaphthalene	mg/kg	60,000	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2-Chlorophenol	mg/kg	5,800	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 R	0.081 R	0.073 R	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2-Methylnaphthalene	mg/kg	3,000	**0.19**	**0.085**	**0.0032 J**	**0.42**	**0.012**	**0.0081**	**0.084**	**0.0099**	**0.0052 J**	**0.02 J**	**0.0082**	**0.0016 J**	**0.2**	**0.026 J**	**0.098**	0.0076 U	**0.029**	**0.028**	**0.012 J**	**0.017**
2-Methylphenol	mg/kg	41,000	0.075 U	0.072 U	0.076 U	**0.016 J**	0.074 U	0.072 R	0.081 R	0.073 R	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
2-Nitroaniline	mg/kg	8,000	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 U	0.2 U	0.18 U	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.18 UJ	0.18 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	0.14 U	0.15 U	**0.026 J**	0.15 U	0.14 R	0.16 R	0.14 R	0.14 U	0.14 U	0.15 U	0.14 U	**0.036 J**	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 UJ	0.14 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
4-Chloroaniline	mg/kg	11	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
4-Nitroaniline	mg/kg	110	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 UJ	0.2 UJ	0.18 UJ	0.17 UJ	0.17 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.18 UJ	0.18 U
Acenaphthene	mg/kg	45,000	**0.4**	**0.0086**	0.0076 U	**0.043**	**0.0014 J**	**0.0011 J**	**0.023**	0.0073 U	0.0069 U	**0.035 J**	**0.022**	0.007 U	**0.34**	**0.039 J**	**0.09**	0.0076 U	**0.0065 J**	**0.0051 J**	**0.04 J**	**0.0027 J**
Acenaphthylene	mg/kg	45,000	**0.14**	**0.019**	0.0076 U	**0.22**	**0.0043 J**	**0.0079**	**0.0054 J**	**0.0065 J**	**0.0009 J**	**0.013 J**	**0.0027 J**	**0.0011 J**	**0.25**	**0.012 J**	**0.11**	**0.0016 J**	**0.013**	**0.035**	**0.013 J**	**0.011**
Acetophenone	mg/kg	120,000	0.075 U	**0.048 J**	0.076 U	**0.066 J**	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	**0.019 J**	0.073 U	**0.019 J**	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Anthracene	mg/kg	230,000	**1**	**0.022**	**0.0012 J**	**0.25**	**0.0052 J**	**0.012**	**0.069**	**0.013**	**0.003 J**	**0.033 J**	**0.01**	**0.0011 J**	**1.2**	**0.042 J**	**0.37**	**0.0015 J**	**0.025**	**0.045**	**0.019 J**	**0.019**
Benz[a]anthracene	mg/kg	21	**1.4**	**0.086**	**0.0051 J**	**0.74**	**0.023**	**0.044**	**0.12**	**0.041**	**0.0076**	**0.1**	**0.046**	**0.0035 J**	**1.8**	**0.13**	**1**	**0.003 J**	**0.087**	**0.24**	**0.1**	**0.037**
Benzaldehyde	mg/kg	120,000	0.075 U	**0.022 J**	0.076 U	**0.053 J**	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	**0.023 J**	0.073 U	**0.029 J**	0.075 U	0.072 U	**0.042 J**	0.073 UJ	0.072 U
Benzo[a]pyrene	mg/kg	2.1	**1.4**	**0.081**	**0.0033 J**	**1**	**0.019**	**0.034 J**	**0.13 J**	**0.032 J**	**0.0067 J**	**0.22**	**0.1**	**0.0025 J**	**1.8**	**0.23**	**1.4**	**0.0016 J**	**0.12**	**0.24**	**0.14 J**	**0.047**
Benzo[b]fluoranthene	mg/kg	21	**2.7**	**0.32**	**0.014**	**2.7**	**0.084**	**0.15 J**	**0.43 J**	**0.14 J**	**0.036 J**	**0.68**	**0.23**	**0.0096**	**3.9**	**0.55**	**2.3**	**0.0068 J**	**0.3**	**0.48**	**0.35 J**	**0.17**
Benzo[g,h,i]perylene	mg/kg		**0.31**	**0.049**	**0.0047 J**	**0.67**	**0.014**	**0.013 J**	**0.045 J**	**0.012 J**	**0.0028 J**	**0.14**	**0.05**	**0.0023 J**	**1.1**	**0.13**	**0.51**	**0.0016 J**	**0.058**	**0.084**	**0.11 J**	**0.028**
Benzo[k]fluoranthene	mg/kg	210	**0.88**	**0.31**	**0.014**	**2.6**	**0.081**	**0.14 J**	**0.37 J**	**0.12 J**	**0.031 J**	**0.55**	**0.19**	**0.0078**	**3.4**	**0.44**	**2**	**0.0053 J**	**0.31**	**0.48**	**0.31 J**	**0.17**
bis(2-Chloroethyl)ether	mg/kg	1	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	**0.12**	0.073 U	0.07 U	0.077 U	**0.12**	0.076 U	0.075 U	**0.019 J**	0.074 U	**0.081 J**	**0.17**
Caprolactam	mg/kg	400,000	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 U	0.2 U	0.18 U	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.18 UJ	0.18 U
Carbazole	mg/kg		**0.5**	**0.061 J**	0.076 U	**0.12**	0.074 U	0.072 U	**0.029 J**	0.073 U	0.07 U	**0.017 J**	0.073 U	0.07 U	**1**	0.073 U	**0.16**	0.075 U	**0.022 J**	**0.044 J**	0.073 UJ	0.072 U
Chrysene	mg/kg	2,100	**1.2**	**0.15**	**0.0058 J**	**0.83**	**0.029**	**0.063**	**0.19**	**0.06**	**0.016**	**0.15**	**0.051**	**0.003 J**	**2**	**0.11**	**0.98**	**0.0023 J**	**0.13**	**0.27**	**0.094**	**0.059**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.12**	**0.022**	**0.0021 J**	**0.31**	**0.0053 J**	**0.004 J**	**0.016 J**	**0.0037 J**	**0.0011 J**	**0.054 J**	**0.026**	0.007 U	**0.45**	**0.048 J**	**0.22**	0.0076 U	**0.026**	**0.043**	**0.03 J**	**0.011**
Diethylphthalate	mg/kg	660,000	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Di-n-butylphthalate	mg/kg	82,000	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Di-n-ocytlphthalate	mg/kg	8,200	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Fluoranthene	mg/kg	30,000	**4.6**	**0.31**	**0.0087**	**1.5**	**0.053**	**0.14**	**0.52**	**0.11**	**0.018**	**0.17**	**0.054**	**0.0065 J**	**4.6**	**0.14**	**2.1**	**0.0048 J**	**0.15**	**0.39**	**0.087**	**0.069**
Fluorene	mg/kg	30,000	**0.53**	**0.0075**	0.0076 U	**0.049**	**0.002 J**	**0.00095 J**	**0.0028 J**	**0.0017 J**	0.0069 U	**0.012 J**	**0.0033 J**	**0.00064 J**	**0.27**	**0.011 J**	**0.091**	0.0076 U	0.0034 B	**0.011**	**0.0075 J**	**0.0025 J**
Hexachloroethane	mg/kg	8	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.34**	**0.054**	**0.0034 J**	**0.64**	**0.012**	**0.013 J**	**0.043 J**	**0.012 J**	**0.0026 J**	**0.11**	**0.053**	**0.0017 J**	**1.2**	**0.11**	**0.55**	0.0076 U	**0.058**	**0.094**	**0.099 J**	**0.029**
Naphthalene	mg/kg	17	**0.25**	**0.37**	**0.0067 J**	**0.7**	**0.039**	**0.012**	**0.12**	**0.015**	**0.0088**	**0.027 J**	**0.0097**	**0.0028 J**	**0.17**	**0.027 J**	**0.11**	**0.0015 J**	**0.024**	**0.024**	**0.012 J**	**0.014**
N-Nitrosodiphenylamine	mg/kg	470	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 U	0.081 U	0.073 U	0.07 U	0.07 U	0.073 U	0.07 U	0.077 U	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Pentachlorophenol	mg/kg	4	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U	0.18 R	0.2 R	0.18 R	0.17 U	0.17 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U	0.18 UJ	0.18 U
Phenanthrene	mg/kg		**3.9**	**0.15**	**0.0064 J**	**1**	**0.03**	**0.087**	**1.1**	**0.075**	**0.024**	**0.12**	**0.04**	**0.0076**	**4.2**	**0.12**	**1.6**	**0.005 J**	**0.078**	**0.18**	**0.055 J**	**0.042**
Phenol	mg/kg	250,000	0.075 U	0.072 U	0.076 U	0.076 U	0.074 U	0.072 R	0.081 R	0.073 R	0.07 U	0.07 U	0.073 U	0.07 U	**0.023 J**	0.073 U	0.076 U	0.075 U	0.072 U	0.074 U	0.073 UJ	0.072 U
Pyrene	mg/kg	23,000	**3.6**	**0.21**	**0.0061 J**	**1.1**	**0.041**	**0.11**	**0.37**	**0.091**	**0.016**	**0.13**	**0.047**	**0.0045 J**	**4.7**	**0.12**	**2.1**	**0.0045 J**	**0.21**	**0.37**	**0.083**	**0.066**
PCBs																						
Aroclor 1242	mg/kg	0.97	N/A	0.0552 U	N/A	0.0553 U	N/A	0.0549 U	N/A	0.0534 U	N/A	0.051 U	N/A	0.0511 U	N/A	0.0524 U	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	0.0549 U
Aroclor 1248	mg/kg	0.94	N/A	0.0552 U	N/A	0.0553 U	N/A	0.0549 U	N/A	0.0534 U	N/A	**0.0417 J**	N/A	0.0511 U	N/A	0.0524 U	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	**0.11**
Aroclor 1254	mg/kg	0.97	N/A	0.0552 U	N/A	0.0553 U	N/A	0.0549 U	N/A	0.0534 U	N/A	0.051 U	N/A	0.0511 U	N/A	0.0524 U	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	0.0549 U
Aroclor 1260	mg/kg	0.99	N/A	0.0552 U	N/A	0.0553 U	N/A	2.43	N/A	**1**	N/A	**0.0255 J**	N/A	0.0511 U	N/A	**0.0745**	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	**0.105**
Aroclor 1262	mg/kg		N/A	**0.237**	N/A	**1.56**	N/A	0.0549 U	N/A	0.0534 U	N/A	0.051 U	N/A	0.0511 U	N/A	0.0524 U	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	0.0549 U
Aroclor 1268	mg/kg		N/A	**0.113**	N/A	**0.873**	N/A	0.0549 U	N/A	0.0534 U	N/A	0.051 U	N/A	0.0511 U	N/A	0.0524 U	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	0.0549 U
PCBs (total)	mg/kg	0.97	N/A	**0.35**	N/A	2.433	N/A	2.43	N/A	**1**	N/A	**0.0672**	N/A	0.0511 U	N/A	**0.0745**	N/A	0.0521 U	0.0547 U	N/A	0.0552 U	**0.215**
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**303**	**71.6**	**6.2 J**	**139**	**10.3**	**35.9**	**43.4**	**18.3**	**12.5**	**337**	**13.1**	**5.2 J**	**134**	**318**	**209**	**7.8**	45.4 B	**68.1**	**98.1**	**82.1**
Gasoline Range Organics	mg/kg	6,200	10.9 U	10.8 U	12.9 U	11.4 U	12.5 U	9.1 U	17.2 U	9.4 U	5.4 U	9.2 U	13.9 U	19.7 U	12.1 U	12.3 U	12.2 U	9.7 U	11.3 U	**7.7 J**	12 U	9.4 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-071-SB-3*	B1-072-SB-1*	B1-072-SB-4*	B1-073-SB-1*	B1-074-SB-1*	B1-074-SB-8*	B1-075-SB-1*	B1-075-SB-4*	B1-075-SB-10	B1-076-SB-1*	B1-076-SB-4*	B1-076-SB-10	B1-077-SB-1	B1-077-SB-4	B1-078-SB-1	B1-078-SB-4	B1-079-SB-1*	B1-079-SB-5*	B1-080-SB-1*	B1-080-SB-4*
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
1,2-Dichloroethane	mg/kg	2	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
2-Butanone (MEK)	mg/kg	190,000	**0.0035 J**	0.01 U	0.012 U	0.01 U	0.014 U	0.0093 U	0.01 U	**0.0036 J**	N/A	0.013 U	0.01 U	N/A	**0.0046 J**	0.021 U	0.012 U	0.016 U	**0.0054 J**	0.009 U	**0.01**	**0.006 J**
2-Hexanone	mg/kg	1,300	0.0098 U	0.01 U	0.012 U	0.01 U	0.014 U	0.0093 U	0.01 U	0.011 U	N/A	0.013 U	0.01 U	N/A	0.016 U	0.021 U	0.012 U	0.016 U	0.01 U	0.009 U	0.0099 U	0.009 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0098 U	0.01 U	0.012 U	0.01 U	0.014 U	0.0093 U	0.01 U	0.011 U	N/A	0.013 U	0.01 U	N/A	0.016 U	0.021 U	0.012 U	0.016 U	0.01 U	0.009 U	0.0099 U	0.009 U
Acetone	mg/kg	670,000	**0.02**	**0.0063 J**	**0.0069 J**	**0.017**	**0.014 J**	**0.0092 J**	0.01 U	**0.02**	N/A	0.013 U	0.01 U	N/A	**0.073 J**	0.011 B	0.0095 B	0.0082 B	**0.045**	**0.0048 J**	**0.084**	**0.048**
Benzene	mg/kg	5.1	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	**0.0026 J**	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
Carbon disulfide	mg/kg	3,500	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
Carbon tetrachloride	mg/kg	2.9	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
Chloroform	mg/kg	1.4	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
Cyclohexane	mg/kg	27,000	0.0098 U	0.01 U	0.012 U	0.01 U	0.014 U	0.0093 U	0.01 U	0.011 U	N/A	0.013 U	0.01 U	N/A	0.016 U	0.021 U	0.012 U	0.016 U	0.01 U	0.009 U	0.0099 U	0.009 U
Ethylbenzene	mg/kg	25	**0.0018 J**	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
Isopropylbenzene	mg/kg	9,900	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	0.005 U	0.0045 U
Methyl Acetate	mg/kg	1,200,000	0.049 U	0.05 U	0.059 U	0.052 U	0.07 U	0.047 U	0.051 U	0.056 U	N/A	0.067 U	0.051 U	N/A	0.081 U	0.11 U	0.059 U	0.079 U	0.052 U	0.045 U	0.05 U	0.045 U
Methylene Chloride	mg/kg	1,000	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 UJ	0.011 UJ	0.0059 UJ	0.0079 UJ	0.0052 U	0.0045 U	0.005 U	0.0045 U
Tetrachloroethene	mg/kg	100	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	**0.0042 J**	0.0045 U
Toluene	mg/kg	47,000	**0.0019 J**	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	**0.0034 J**	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	**0.0016 J**	0.0045 U
Trichloroethene	mg/kg	6	0.0049 U	0.005 U	0.0059 U	0.0052 U	0.007 U	0.0047 U	0.0051 U	0.0056 U	N/A	0.0067 U	0.0051 U	N/A	0.0081 U	0.011 U	0.0059 U	0.0079 U	0.0052 U	0.0045 U	**0.0024 J**	0.0045 U
Xylenes	mg/kg	2,800	**0.013 J**	0.015 U	0.018 U	0.016 U	0.021 U	0.014 U	0.015 U	**0.0082 J**	N/A	0.02 U	0.015 U	N/A	0.024 U	0.032 U	0.018 U	0.024 U	0.016 U	0.013 U	0.015 U	0.013 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	**0.062 J**	0.071 U	**0.015 J**	**0.11**	**0.016 J**	0.081 U	**0.019 J**	**0.057 J**	N/A	0.082 U	**0.027 J**	N/A	**0.11**	0.083 U	**0.12**	**0.025 J**	**0.045 J**	0.083 U	0.073 U	0.08 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 UJ	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2,4,6-Trichlorophenol	mg/kg	210	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 UJ	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2,4-Dimethylphenol	mg/kg	16,000	**0.19**	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	**0.036 J**	0.083 U	**0.028 J**	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	N/A	0.2 U	0.18 U	N/A	0.2 U	0.21 U	0.19 UJ	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U
2,4-Dinitrotoluene	mg/kg	7.4	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2-Chloronaphthalene	mg/kg	60,000	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2-Chlorophenol	mg/kg	5,800	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2-Methylnaphthalene	mg/kg	3,000	**0.51**	**0.015**	**0.097**	**0.057 J**	**0.018 J**	**0.012**	**0.056**	**0.087**	N/A	**0.11**	**0.087**	**0.11**	**0.85**	**0.038**	**2.7**	**0.18**	**0.48**	**0.0064 J**	**0.026**	**0.034**
2-Methylphenol	mg/kg	41,000	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	**0.028 J**	0.083 U	**0.016 J**	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	N/A	0.2 U	0.18 U	N/A	0.2 U	0.21 U	0.19 U	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	0.14 U	0.14 U	0.15 U	0.15 U	0.16 U	0.14 U	**0.023 J**	N/A	**0.021 J**	0.14 U	N/A	**0.035 J**	0.17 U	**0.044 J**	0.15 U	0.16 U	0.17 U	0.15 U	0.16 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 UJ	0.083 U	0.078 UJ	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
4-Chloroaniline	mg/kg	11	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
4-Nitroaniline	mg/kg	110	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	N/A	0.2 U	0.18 U	N/A	0.2 U	0.21 U	0.19 U	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U
Acenaphthene	mg/kg	45,000	**0.18**	**0.0029 J**	**0.04**	**0.062 J**	**0.014 J**	**0.0022 J**	**0.0096**	**0.26**	N/A	**0.018**	**0.052**	**0.061 J**	**0.04**	**0.0018 J**	**4.5**	**0.017**	**0.016**	0.0083 U	0.0098 B	0.0017 B
Acenaphthylene	mg/kg	45,000	**0.049**	**0.0074**	**0.008**	**0.11**	**0.38**	**0.042**	**0.24**	**0.42**	N/A	**0.34**	**0.16**	**0.13**	**0.16**	**0.0079 J**	**0.33**	**0.027**	**0.014**	**0.0019 J**	**0.0079**	**0.0033 J**
Acetophenone	mg/kg	120,000	**0.066 J**	0.071 U	0.071 U	**0.022 J**	0.074 U	0.081 U	**0.022 J**	**0.046 J**	N/A	**0.066 J**	**0.018 J**	N/A	**0.078 J**	0.083 U	**0.029 J**	**0.022 J**	**0.044 J**	0.083 U	0.073 U	0.08 U
Anthracene	mg/kg	230,000	**0.31**	**0.014**	**0.082**	**0.38**	**0.3**	**0.07**	**0.056**	**0.32**	N/A	**0.14**	**0.55**	**0.48**	**0.23**	**0.0087**	**14.8**	**0.087**	**0.049**	0.0059 B	**0.04**	0.0087 B
Benz[a]anthracene	mg/kg	21	**0.0073**	**0.028**	**0.0055 J**	**1.1**	**1.4**	**0.27**	**0.17**	**0.58**	N/A	**0.19**	**12.8**	**1.2**	**0.61**	**0.031**	27.1	**0.21**	**0.15**	**0.014**	**0.17**	**0.01**
Benzaldehyde	mg/kg	120,000	0.073 U	0.071 U	0.071 U	**0.038 J**	0.074 U	0.081 U	0.072 U	**0.05 J**	N/A	**0.061 J**	**0.034 J**	N/A	**0.28 J**	0.083 R	**0.062 J**	**0.092 J**	**0.088**	0.083 U	0.073 U	0.08 U
Benzo[a]pyrene	mg/kg	2.1	**0.012**	**0.024**	**0.0063 J**	**1.1**	**1.2**	**0.26**	**0.25**	**0.73**	**0.021**	**0.22**	15.5	**0.88**	**0.68 J**	**0.036 J**	24.6 J	**0.22**	**0.18**	**0.039**	**0.23**	**0.016**
Benzo[b]fluoranthene	mg/kg	21	**0.028**	**0.099**	**0.022**	**1.9**	**2.6**	**0.61**	**0.71**	**1.7**	N/A	**0.43**	27.9	**1.8**	**1.7**	**0.11 J**	25.3 J	**0.53**	**0.4**	**0.058**	**0.43**	**0.033**
Benzo[g,h,i]perylene	mg/kg		**0.011**	**0.019**	**0.0037 J**	**0.62**	**0.62**	**0.14**	**0.19**	**0.63**	N/A	**0.94**	**6.7**	**0.57**	**0.22 J**	**0.015 J**	**8.6 J**	**0.11**	**0.061**	**0.011**	**0.16**	**0.013**
Benzo[k]fluoranthene	mg/kg	210	**0.029**	**0.1**	**0.023**	**2**	**2.7**	**0.62**	**0.71**	**1.7**	N/A	**0.42**	**28.7**	**1.8**	**1.5**	**0.092 J**	**20.6 J**	**0.43**	**0.41**	**0.059**	**0.44**	**0.034**
bis(2-Chloroethyl)ether	mg/kg	1	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.073 U	**0.017 J**	0.071 U	**0.27**	**0.2**	0.081 U	**0.14**	**0.087**	N/A	**0.25**	0.073 U	N/A	0.056 B	0.083 U	0.016 B	0.076 U	0.078 U	**0.023 J**	**0.015 J**	0.08 U
Caprolactam	mg/kg	400,000	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	N/A	0.2 U	0.18 U	N/A	0.2 U	0.21 U	0.19 U	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U
Carbazole	mg/kg		0.073 U	0.071 U	0.071 U	**0.13**	**0.037 J**	0.081 U	**0.025 J**	**0.071 J**	N/A	0.082 U	**0.29**	N/A	**0.12**	0.083 U	**1.3 J**	**0.028 J**	0.078 U	0.083 U	0.073 U	0.08 U
Chrysene	mg/kg	2,100	**0.014**	**0.049**	**0.012**	**1.1**	**1.4**	**0.3**	**0.19**	**0.59**	N/A	**0.2**	**13.4**	**1.1**	**0.69**	**0.044**	**22.9**	**0.25**	**0.22**	**0.024**	**0.24**	**0.024**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.0023 J**	**0.0072 J**	**0.0012 J**	**0.22**	**0.23**	**0.06**	**0.041**	**0.13**	N/A	**0.052**	3.1	**0.28**	**0.12 J**	**0.0056 J**	3.3 J	**0.054**	**0.023**	0.0083 U	**0.054**	**0.0034 J**
Diethylphthalate	mg/kg	660,000	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
Di-n-butylphthalate	mg/kg	82,000	0.073 U	0.071 U	0.071 U	**0.068 J**	0.074 U	0.081 U	0.072 U	**0.094**	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
Di-n-octylphthalate	mg/kg	8,200	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	**0.042 J**	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 UJ	0.083 U	0.078 UJ	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
Fluoranthene	mg/kg	30,000	**0.04**	**0.063**	**0.02**	**2.2**	**2.2**	**0.5**	**0.28**	**1.1**	N/A	**0.23**	**6.9**	**2.6**	**1.2**	**0.072**	**22.8**	**0.41**	**0.25**	0.02 B	**0.46**	**0.03**
Fluorene	mg/kg	30,000	**0.16**	**0.0025 J**	**0.038**	**0.061 J**	**0.029 J**	**0.0035 J**	**0.0098**	**0.23**	N/A	**0.023**	**0.066**	**0.19**	**0.056**	**0.0034 J**	**4.8**	**0.02**	0.014 B	0.0016 B	0.0051 B	0.0043 B
Hexachloroethane	mg/kg	8	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	**0.069 J**	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.0093**	**0.017**	**0.0038 J**	**0.62**	**0.7**	**0.16**	**0.13**	**0.42**	N/A	**0.12**	**7.4**	**0.57**	**0.28 J**	**0.015 J**	**9.1 J**	**0.12**	**0.051**	**0.006 J**	**0.13**	**0.011**
Naphthalene	mg/kg	17	**0.054**	**0.013**	**0.0093**	**0.17**	**0.063 J**	**0.024**	**0.15**	**0.4**	N/A	**0.4**	**0.22**	**0.17**	**0.55**	**0.03**	**5.6**	**0.1**	**0.28**	0.0069 B	0.019 B	**0.035**
N-Nitrosodiphenylamine	mg/kg	470	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	0.072 U	N/A	0.082 U	0.073 U	N/A	0.079 U	0.083 U	0.078 U	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
Pentachlorophenol	mg/kg	4	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	N/A	0.2 U	0.18 U	N/A	0.2 U	0.21 U	0.19 UJ	0.19 U	0.2 U	0.21 U	0.18 U	0.2 U
Phenanthrene	mg/kg		**0.51**	**0.049**	**0.22**	**1.1**	**0.26**	**0.18**	**0.16**	**0.87**	N/A	**0.22**	**1.3**	**2**	**1.1**	**0.061**	**20.4**	**0.44**	**0.36**	0.017 B	**0.32**	0.029 B
Phenol	mg/kg	250,000	0.073 U	0.071 U	0.071 U	0.073 U	0.074 U	0.081 U	0.072 U	**0.019 J**	N/A	**0.028 J**	0.073 U	N/A	0.079 U	0.083 U	0.078 UJ	0.076 U	0.078 U	0.083 U	0.073 U	0.08 U
Pyrene	mg/kg	23,000	**0.13**	**0.054**	**0.043**	**2.2**	**2.4**	**0.49**	**0.26**	**0.9**	N/A	**0.22**	**10.3**	**2**	**0.99**	**0.055**	**17.4**	**0.33**	**0.22**	**0.026**	**0.54**	**0.033**
PCBs																						
Aroclor 1242	mg/kg	0.97	N/A	0.0549 U	N/A	0.052 U	0.054 U	N/A	0.0566 U	N/A	N/A	0.0603 U	N/A	N/A	0.0592 U	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
Aroclor 1248	mg/kg	0.94	N/A	**0.15**	N/A	0.052 U	**0.312**	N/A	0.0566 U	N/A	N/A	0.0603 U	N/A	N/A	0.0592 U	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
Aroclor 1254	mg/kg	0.97	N/A	**0.0912**	N/A	**0.393**	0.054 U	N/A	**0.0404 J**	N/A	N/A	**0.174**	N/A	N/A	0.0592 U	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
Aroclor 1260	mg/kg	0.99	N/A	**0.105**	N/A	**0.162**	**0.147**	N/A	0.0566 U	N/A	N/A	**0.119**	N/A	N/A	**0.0945**	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
Aroclor 1262	mg/kg		N/A	0.0549 U	N/A	0.052 U	0.054 U	N/A	**0.0667**	N/A	N/A	0.0603 U	N/A	N/A	0.0592 U	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
Aroclor 1268	mg/kg		N/A	0.0549 U	N/A	0.052 U	0.054 U	N/A	0.0566 U	N/A	N/A	0.0603 U	N/A	N/A	0.0592 U	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
PCBs (total)	mg/kg	0.97	N/A	**0.3462**	N/A	**0.555**	**0.459**	N/A	**0.1071**	N/A	N/A	**0.293**	N/A	N/A	**0.0945**	N/A	0.0577 U	N/A	0.0563 U	N/A	0.0547 U	N/A
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**1,510**	**66.8**	**297**	**278**	**278**	**50.8**	**188**	**611**	N/A	**2,020**	**493**	N/A	**161**	**17.2**	**251**	**40.8**	**472**	**788**	**370**	**139**
Gasoline Range Organics	mg/kg	6,200	**12.5**	10 U	12 U	12 U	14.3 U	11.3 U	10.2 U	11.3 U	N/A	14.4 U	11.9 U	N/A	11.8 U	15.8 U	10.8 U	13.3 U	**24.9**	9.5 U	11.5 U	9.7 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-081-SB-1*	B1-081-SB-4.5*	B1-082-SB-1*	B1-082-SB-5*	B1-083-SB-1	B1-084-SB-1	B1-084-SB-4	B1-085-SB-1	B1-086-SB-1	B1-086-SB-5	B1-087-SB-1*	B1-087-SB-4*	B1-088-SB-1*	B1-088-SB-5*	B1-089-SB-1	B1-090-SB-1	B1-090-SB-6	B1-091-SB-1	B1-091-SB-5	B1-092-SB-1
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	**0.01**	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
1,2-Dichloroethane	mg/kg	2	0.0043 U	**0.001 J**	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
2-Butanone (MEK)	mg/kg	190,000	0.0085 U	**0.0054 J**	0.011 U	0.026 U	0.012 U	0.013 U	0.017 U	0.01 U	0.0095 U	0.014 U	0.0098 U	0.011 U	0.0091 U	0.011 U	0.01 U	0.011 U	0.013 U	0.011 U	0.015 UJ	0.0087 U
2-Hexanone	mg/kg	1,300	0.0085 U	0.0093 U	0.011 U	0.026 U	0.012 U	0.013 U	0.017 U	0.01 U	0.0095 U	0.014 U	0.0098 U	0.011 U	0.0091 U	0.011 U	0.01 U	0.011 U	0.013 U	0.011 U	0.015 U	0.0087 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0085 U	0.0093 U	0.011 U	0.026 U	0.012 U	0.013 U	0.017 U	0.01 U	0.0095 U	0.014 U	0.0098 U	0.011 U	0.0091 U	0.011 U	0.01 U	0.011 U	0.013 U	0.011 U	0.015 U	0.0087 U
Acetone	mg/kg	670,000	**0.0069 J**	**0.038**	0.011 U	**0.016 J**	0.012 U	0.013 U	**0.029 J**	0.007 B	0.0095 U	0.0079 B	0.0098 U	**0.009 J**	0.0091 U	**0.011 J**	0.0062 B	0.0066 B	0.008 B	0.011 U	0.023 B	0.0087 U
Benzene	mg/kg	5.1	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
Carbon disulfide	mg/kg	3,500	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 UJ	0.0044 U
Carbon tetrachloride	mg/kg	2.9	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
Chloroform	mg/kg	1.4	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 UJ	0.0044 U
Cyclohexane	mg/kg	27,000	0.0085 U	0.0093 U	0.011 U	0.026 U	0.012 U	0.013 U	0.017 U	0.01 U	0.0095 U	0.014 U	0.0098 U	0.011 U	0.0091 U	0.011 U	0.01 U	0.011 U	0.013 U	0.011 U	0.015 UJ	0.0087 U
Ethylbenzene	mg/kg	25	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
Isopropylbenzene	mg/kg	9,900	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
Methyl Acetate	mg/kg	1,200,000	0.043 U	0.047 U	0.056 U	0.13 U	0.058 U	0.064 U	0.084 U	0.05 U	0.047 U	0.068 U	0.049 U	0.054 U	0.046 U	0.057 U	0.05 U	0.053 U	0.064 U	0.054 U	0.077 U	0.044 U
Methylene Chloride	mg/kg	1,000	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 UJ	0.0044 U
Tetrachloroethene	mg/kg	100	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 U	0.0044 U
Toluene	mg/kg	47,000	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	**0.01**	0.0044 U
Trichloroethene	mg/kg	6	0.0043 U	0.0047 U	0.0056 U	0.013 U	0.0058 U	0.0064 U	0.0084 U	0.005 U	0.0047 U	0.0068 U	0.0049 U	0.0054 U	0.0046 U	0.0057 U	0.005 U	0.0053 U	0.0064 U	0.0054 U	0.0077 UJ	0.0044 U
Xylenes	mg/kg	2,800	0.013 U	0.014 U	0.017 U	0.039 U	0.017 U	0.019 U	0.025 U	0.015 U	0.014 U	0.02 U	0.015 U	0.016 U	0.014 U	0.017 U	0.015 U	0.016 U	0.019 U	0.016 U	**0.0088 J**	0.013 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.073 U	0.075 U	0.074 U	0.11 U	**0.073 J**	0.073 U	**0.039 J**	0.069 U	0.07 U	**0.02 J**	**0.035 J**	**0.026 J**	0.073 U	**0.35**	0.068 U	0.073 U	0.074 U	**0.07 J**	**0.24 J**	**0.24 J**
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 R	0.073 U	0.079 U	0.072 U
2,4,6-Trichlorophenol	mg/kg	210	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 R	0.073 U	0.079 U	0.072 U
2,4-Dimethylphenol	mg/kg	16,000	0.073 U	0.075 U	0.074 U	0.11 U	**0.015 J**	0.073 U	**0.041 J**	0.069 U	0.07 U	0.077 U	0.076 U	**0.017 J**	0.073 U	0.073 U	0.068 U	0.073 U	0.074 R	0.073 U	**0.074 J**	0.072 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.19 U	0.18 U	0.27 U	0.18 UJ	0.18 UJ	0.2 UJ	0.17 U	0.17 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 R	0.18 UJ	0.2 UJ	0.18 UJ
2,4-Dinitrotoluene	mg/kg	7.4	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
2-Chloronaphthalene	mg/kg	60,000	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	**0.14**	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
2-Chlorophenol	mg/kg	5,800	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 R	0.073 U	0.079 U	0.072 U
2-Methylnaphthalene	mg/kg	3,000	0.0073 U	**0.0075**	**0.025**	0.011 U	**0.29**	**0.068**	**0.24**	**0.0084**	**0.0027 J**	**0.078**	**0.13**	**0.12**	**0.041**	**0.49**	**0.0021 J**	**0.0022 J**	**0.0014 J**	**0.089**	**1.6**	**0.045 J**
2-Methylphenol	mg/kg	41,000	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	**0.015 J**	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	**0.025 J**	0.068 U	0.073 U	0.074 R	0.073 U	**0.028 J**	0.072 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.19 U	0.18 U	0.27 U	0.18 U	0.18 U	0.2 U	0.17 U	0.17 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U	0.18 U	0.2 U	0.18 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	0.15 U	0.15 U	0.21 U	0.15 U	0.15 U	**0.031 J**	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U	**0.1 J**	0.13 U	0.15 U	0.15 R	0.15 U	**0.044 J**	0.14 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.073 U	0.075 U	0.074 U	0.11 U	0.073 UJ	0.073 UJ	0.079 UJ	0.069 UJ	0.07 UJ	0.077 UJ	0.076 U	0.071 U	0.073 U	0.073 U	0.068 UJ	0.073 UJ	0.074 U	0.073 UJ	0.079 UJ	0.072 UJ
4-Chloroaniline	mg/kg	11	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
4-Nitroaniline	mg/kg	110	0.18 U	0.19 U	0.18 U	0.27 U	0.18 U	0.18 U	0.2 U	0.17 U	**0.04 J**	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U	0.18 U	0.2 U	0.18 U
Acenaphthene	mg/kg	45,000	0.0073 U	**0.007 J**	**0.0042 J**	**0.0011 J**	**0.012 J**	**0.0018 J**	**0.0024 J**	**0.0031 J**	0.007 U	**0.01**	**0.0093**	**0.042**	**0.0038 J**	**2.1**	0.0069 U	0.0074 U	0.0074 U	**0.017 J**	**0.096**	**0.012 J**
Acenaphthylene	mg/kg	45,000	0.0073 U	**0.007 J**	**0.014**	0.011 U	**0.033 J**	**0.0023 J**	**0.022**	**0.0081**	**0.0024 J**	**0.058**	**0.01**	**0.018**	**0.061**	**0.22**	**0.0014 J**	**0.0042 J**	**0.0011 J**	**0.13**	**0.26**	**0.063 J**
Acetophenone	mg/kg	120,000	0.073 U	0.075 U	0.074 U	0.11 U	**0.079 J**	**0.02 J**	**0.074 J**	**0.019 J**	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	**0.097**	0.068 U	0.073 U	0.074 U	**0.026 J**	**0.33 J**	**0.044 J**
Anthracene	mg/kg	230,000	**0.00078 J**	**0.055**	**0.032**	**0.0047 J**	**0.089**	**0.0034 J**	**0.026**	**0.013**	0.07 U	**0.068**	**0.036**	**0.071**	**0.045**	**7.2**	**0.0014 J**	**0.0014 J**	**0.0013 J**	**0.12**	**0.29**	**0.13**
Benz[a]anthracene	mg/kg	21	**0.0022 J**	**0.088**	**0.15**	**0.014**	**0.34**	**0.0049 J**	**0.039**	**0.057**	**0.011**	**0.38**	**0.01**	**0.19**	**0.14**	**11.4**	**0.0034 J**	**0.006 J**	**0.0061 J**	**0.27**	**0.86**	**0.34**
Benzaldehyde	mg/kg	120,000	0.073 U	0.075 U	0.074 U	0.11 U	**0.054 J**	0.073 R	**0.14 J**	**0.09 J**	**0.042 J**	**0.022 J**	0.076 U	0.071 U	0.073 U	0.073 U	**0.023 J**	**0.046 J**	0.074 R	**0.048 J**	**0.28 J**	**0.038 J**
Benzo[a]pyrene	mg/kg	2.1	0.0073 U	**0.11**	**0.17**	**0.015**	**0.34**	**0.0075 J**	**0.054 J**	**0.095**	**0.016 J**	**0.37 J**	**0.014**	**0.18**	**0.19**	**10.7**	**0.0051 J**	**0.0074 J**	**0.0045 J**	**0.32 J**	**0.73 J**	**0.35**
Benzo[b]fluoranthene	mg/kg	21	0.0073 U	**0.29**	**0.31**	**0.034**	**0.86**	**0.032 J**	**0.14 J**	**0.25**	**0.052 J**	**0.91 J**	**0.037**	**0.36**	**0.36**	**18**	**0.027**	**0.032**	**0.019**	**0.86 J**	**1.6 J**	**0.67**
Benzo[g,h,i]perylene	mg/kg		0.0073 U	**0.05**	**0.068**	**0.0054 J**	**0.12**	**0.0089 J**	**0.027 J**	**0.038**	**0.02 J**	**0.21 J**	**0.016**	**0.073**	**0.14**	**7**	**0.0057 J**	**0.0063 J**	**0.0042 J**	**0.16 J**	**0.21 J**	**0.24**
Benzo[k]fluoranthene	mg/kg	210	0.0073 U	**0.25**	**0.1**	**0.03**	**0.7**	**0.026 J**	**0.11 J**	**0.26**	**0.05 J**	**0.88 J**	**0.038**	**0.37**	**0.37**	**18.5**	**0.027**	**0.032**	**0.019**	**0.87 J**	**1.6 J**	**0.68**
bis(2-Chloroethyl)ether	mg/kg	1	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.073 U	**25.5**	**0.14**	0.11 U	**0.73 J**	**0.35 J**	0.079 UJ	0.069 UJ	0.07 UJ	0.077 UJ	**0.084**	0.071 U	0.073 U	0.073 U	0.068 UJ	0.073 UJ	0.074 U	**0.096 J**	0.079 UJ	**0.21 J**
Caprolactam	mg/kg	400,000	0.18 U	0.19 U	0.18 U	0.27 U	0.18 U	0.18 U	0.2 U	0.17 U	0.17 U	**0.067 J**	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U	0.18 U	0.2 U	0.18 U
Carbazole	mg/kg		0.073 U	0.075 U	**0.019 J**	0.11 U	**0.048 J**	0.073 UJ	0.079 UJ	0.069 U	0.07 U	**0.033 J**	0.076 U	0.071 U	0.073 U	**3.7**	0.068 U	0.073 U	0.074 U	**0.042 J**	**0.12 J**	**0.069 J**
Chrysene	mg/kg	2,100	**0.0013 J**	**0.088**	**0.18**	**0.016**	**0.4**	**0.0094**	**0.049**	**0.093**	**0.011**	**0.37**	**0.024**	**0.19**	**0.15**	**11.3**	**0.0062 J**	**0.012**	**0.012**	**0.3**	**0.82**	**0.37**
Dibenz[a,h]anthracene	mg/kg	2.1	0.0073 U	**0.017**	**0.023**	0.011 U	**0.054 J**	0.0072 UJ	**0.016 J**	**0.015**	0.007 UJ	**0.082 J**	0.0075 U	**0.038**	**0.051**	**2.7**	0.0069 U	**0.0014 J**	**0.0014 J**	**0.048 J**	**0.11 J**	**0.08**
Diethylphthalate	mg/kg	660,000	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
Di-n-butylphthalate	mg/kg	82,000	0.073 U	**0.025 J**	0.074 U	0.11 U	**0.22 J**	**0.046 J**	0.079 UJ	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	**0.31**	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
Di-n-ocytlphthalate	mg/kg	8,200	0.073 U	**0.044 J**	0.074 U	0.11 U	0.073 UJ	0.073 UJ	0.079 UJ	0.069 UJ	0.07 UJ	0.077 UJ	0.076 U	0.071 U	0.073 U	0.073 U	0.068 UJ	0.073 UJ	0.074 U	0.073 UJ	0.079 UJ	**0.15 J**
Fluoranthene	mg/kg	30,000	**0.0026 J**	**0.18**	**0.28**	**0.036**	**0.56**	**0.0088**	**0.043**	**0.073**	**0.01 J**	**0.49**	**0.026**	**0.26**	**0.19**	**27.1**	**0.0067 J**	**0.012**	**0.0071 J**	**0.45**	**1.5**	**0.71**
Fluorene	mg/kg	30,000	0.0073 U	**0.015**	**0.0053 J**	0.011 U	**0.013 J**	**0.0032 J**	**0.0058 J**	**0.0023 J**	**0.0013 J**	**0.013**	**0.014**	**0.041**	**0.0042 J**	**2.1**	0.0069 U	0.0074 U	0.0074 U	**0.033 J**	**0.11**	0.02 B
Hexachloroethane	mg/kg	8	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	0.079 U	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	0.0073 U	**0.043**	**0.068**	**0.0048 J**	**0.14**	**0.0041 J**	**0.022 J**	**0.037**	**0.013 J**	**0.15 J**	**0.0069 J**	**0.082**	**0.14**	**6.9**	**0.0047 J**	**0.0039 J**	**0.0039 J**	**0.14 J**	**0.25 J**	**0.22**
Naphthalene	mg/kg	17	**0.0017 J**	**0.012**	**0.029**	0.011 U	**0.23**	**0.034**	**0.2**	**0.011**	**0.0034 J**	**0.058**	**0.043**	**0.031**	**0.038**	**0.88**	**0.0028 J**	**0.0037 J**	**0.002 J**	**0.12**	**1.4**	**0.15**
N-Nitrosodiphenylamine	mg/kg	470	0.073 U	0.075 U	0.074 U	0.11 U	0.073 UJ	0.073 UJ	0.079 UJ	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	0.073 U	0.068 U	0.073 U	0.074 U	0.073 U	0.079 U	0.072 U
Pentachlorophenol	mg/kg	4	0.18 U	0.19 U	0.18 U	0.27 U	0.18 UJ	0.18 UJ	0.2 UJ	0.17 U	0.17 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 R	0.18 UJ	0.2 UJ	0.18 UJ
Phenanthrene	mg/kg		**0.0031 J**	**0.16**	**0.16**	**0.027**	**0.37**	**0.015**	**0.12**	**0.036**	**0.009 J**	**0.16**	**0.07**	**0.17**	**0.079**	**18.5**	**0.0053 J**	**0.0063 J**	**0.0038 J**	**0.24**	**1.6**	**0.41**
Phenol	mg/kg	250,000	0.073 U	0.075 U	0.074 U	0.11 U	0.073 U	0.073 U	**0.028 J**	0.069 U	0.07 U	0.077 U	0.076 U	0.071 U	0.073 U	**0.046 J**	0.068 U	0.073 U	0.074 R	0.073 U	**0.021 J**	**0.027 J**
Pyrene	mg/kg	23,000	**0.0024 J**	**0.16**	**0.28**	**0.038**	**0.56**	**0.0081**	**0.038**	**0.095**	**0.014 J**	**0.6**	**0.066**	**0.23**	**0.2**	**22.4**	**0.0082**	**0.016**	**0.013**	**0.46**	**1.2**	**0.74**
PCBs																						
Aroclor 1242	mg/kg	0.97	0.0536 U	N/A	0.055 U	N/A	0.0549 U	0.214 U	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	0.0541 U	N/A	**0.0362 J**
Aroclor 1248	mg/kg	0.94	0.0536 U	N/A	0.055 U	N/A	0.0549 U	0.214 U	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	0.0541 U	N/A	0.0528 U
Aroclor 1254	mg/kg	0.97	0.0536 U	N/A	0.055 U	N/A	0.0549 U	0.214 U	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	0.0541 U	N/A	**0.182 J**
Aroclor 1260	mg/kg	0.99	0.0536 U	N/A	**0.107**	N/A	**0.0767**	**6.77**	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	**0.862**	N/A	**0.453 J**
Aroclor 1262	mg/kg		0.0536 U	N/A	0.055 U	N/A	0.0549 U	0.214 U	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	0.0541 U	N/A	0.0528 U
Aroclor 1268	mg/kg		0.0536 U	N/A	0.055 U	N/A	0.0549 U	0.214 U	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	0.0541 U	N/A	0.0528 U
PCBs (total)	mg/kg	0.97	0.0536 U	N/A	**0.107**	N/A	**0.0767**	**6.77**	N/A	0.0515 U	0.0506 U	N/A	0.054 U	N/A	0.0552 U	N/A	0.051 U	0.0502 U	N/A	**0.862**	N/A	**0.6712**
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**17**	**119**	**56.7**	**5.4 J**	**234**	**217**	**806**	**554**	**521 J**	**275**	**599**	**342**	**45.5**	**1,950**	**386**	**453**	**55**	**240**	**78.7**	**302**
Gasoline Range Organics	mg/kg	6,200	9.2 U	9.9 U	12.1 U	24.4 U	12.2 U	12.5 U	15.7 U	9.8 U	10 U	13.7 U	12.6 U	12 U	10.7 U	**29.8**	10 U	11 U	14.2 U	10.3 U	**24.8**	10.2 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-092-SB-5	B1-093-SB-1*	B1-093-SB-5*	B1-094-SB-1*	B1-094-SB-7*	B1-095-SB-1*	B1-095-SB-4*	B1-096-SB-1*	B1-096-SB-4*	B1-096-SB-10	B1-097-SB-1*	B1-097-SB-5*	B1-098-SB-1*	B1-098-SB-5*	B1-099-SB-1	B1-099-SB-5	B1-100-SB-1	B1-100-SB-5	B1-101-SB-1	B1-101-SB-5
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
1,2-Dichloroethane	mg/kg	2	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
2-Butanone (MEK)	mg/kg	190,000	0.011 U	**0.0033 J**	0.01 U	0.023 U	0.027 U	0.0058 U	0.012 U	0.012 U	0.0099 U	N/A	0.0085 U	0.013 U	0.012 U	0.0097 U	0.0072 U	0.032 U	0.0084 U	0.012 U	0.01 U	0.009 U
2-Hexanone	mg/kg	1,300	0.011 U	0.012 U	0.01 U	0.023 U	0.027 U	0.0058 U	0.012 U	0.012 U	0.0099 U	N/A	0.0085 U	0.013 U	0.012 U	0.0097 U	0.0072 U	0.032 U	0.0084 U	0.012 U	0.01 U	0.009 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.011 U	0.012 U	0.01 U	0.023 U	0.027 U	0.0058 U	0.012 U	0.012 U	0.0099 U	N/A	0.0085 U	0.013 U	0.012 U	0.0097 U	0.0072 U	0.032 U	0.0084 U	0.012 U	0.01 U	0.009 U
Acetone	mg/kg	670,000	0.006 B	**0.024**	**0.0053 J**	**0.022 J**	**0.032**	0.0058 U	0.012 U	**0.0071 J**	0.0099 U	N/A	0.0085 U	**0.01 J**	0.012 U	**0.0093 J**	0.0072 U	0.032 U	0.0084 U	0.012 U	0.0062 B	0.0093 B
Benzene	mg/kg	5.1	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	**0.0023 J**
Carbon disulfide	mg/kg	3,500	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Carbon tetrachloride	mg/kg	2.9	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 UJ	0.016 UJ	0.0042 UJ	0.0061 UJ	0.005 U	0.0045 U
Chloroform	mg/kg	1.4	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Cyclohexane	mg/kg	27,000	0.011 U	0.012 U	0.01 U	0.023 U	0.027 U	0.0058 U	0.012 U	0.012 U	0.0099 U	N/A	0.0085 U	0.013 U	0.012 U	0.0097 U	0.0072 U	0.032 U	0.0084 U	0.012 U	0.01 U	0.009 U
Ethylbenzene	mg/kg	25	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Isopropylbenzene	mg/kg	9,900	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Methyl Acetate	mg/kg	1,200,000	0.055 U	0.062 U	0.051 U	0.11 U	0.13 U	0.029 U	0.058 U	0.061 U	0.049 U	N/A	0.043 U	0.065 U	0.058 U	0.049 U	0.036 U	0.16 U	0.042 U	0.061 U	0.05 U	0.045 U
Methylene Chloride	mg/kg	1,000	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Tetrachloroethene	mg/kg	100	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Toluene	mg/kg	47,000	**0.0021 J**	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	**0.0019 J**
Trichloroethene	mg/kg	6	0.0055 U	0.0062 U	0.0051 U	0.011 U	0.013 U	0.0029 U	0.0058 U	0.0061 U	0.0049 U	N/A	0.0043 U	0.0065 U	0.0058 U	0.0049 U	0.0036 U	0.016 U	0.0042 U	0.0061 U	0.005 U	0.0045 U
Xylenes	mg/kg	2,800	0.017 U	0.019 U	0.015 U	0.034 U	0.04 U	0.0088 U	0.018 U	0.018 U	0.015 U	N/A	0.013 U	0.02 U	0.017 U	0.015 U	0.011 U	0.047 U	0.013 U	0.018 U	0.015 U	0.014 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.071 U	**0.027 J**	0.086 U	0.11 U	**0.04 J**	0.069 U	0.075 U	**0.03 J**	**0.034 J**	N/A	0.073 U	0.073 U	0.072 U	**0.067 J**	**0.047 J**	0.13 U	**0.047 J**	0.074 U	**0.093**	**0.084**
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.071 UJ	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 UJ	0.13 UJ	0.069 UJ	0.074 U	0.073 R	0.074 R
2,4,6-Trichlorophenol	mg/kg	210	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 UJ	0.13 U	0.069 UJ	0.074 U	0.073 UJ	0.074 R
2,4-Dimethylphenol	mg/kg	16,000	0.071 U	0.083 U	0.086 U	0.11 U	**0.02 J**	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	**0.021 J**	0.069 UJ	0.13 U	0.069 UJ	0.074 U	0.073 UJ	0.074 R
2,4-Dinitrophenol	mg/kg	1,600	0.18 UJ	0.21 U	0.22 U	0.27 U	0.25 U	0.17 U	0.19 U	0.18 U	0.18 U	N/A	0.18 U	0.18 U	0.18 U	0.19 U	0.17 UJ	0.32 U	0.17 UJ	0.19 UJ	0.18 R	0.19 R
2,4-Dinitrotoluene	mg/kg	7.4	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 UJ	0.074 U
2-Chloronaphthalene	mg/kg	60,000	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	**0.017 J**	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 U	0.074 U
2-Chlorophenol	mg/kg	5,800	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 UJ	0.13 U	0.069 UJ	0.074 U	0.073 UJ	0.074 R
2-Methylnaphthalene	mg/kg	3,000	**0.0015 J**	**0.12**	**0.13**	0.011 U	**0.11**	**0.023**	**0.017**	**0.099**	**0.092**	N/A	**0.03**	**0.0023 J**	**0.0067 J**	**0.39**	**0.23**	**0.037**	**0.082**	**0.012**	**0.14**	**0.11**
2-Methylphenol	mg/kg	41,000	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	**0.017 J**	0.13 U	0.069 UJ	0.074 U	0.073 U	0.074 R
2-Nitroaniline	mg/kg	8,000	0.18 U	0.21 U	0.22 U	0.27 U	0.25 U	0.17 U	0.19 U	0.18 U	0.18 U	N/A	0.18 U	0.18 U	0.18 U	0.19 U	0.17 U	0.32 U	0.17 U	0.19 U	0.18 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.14 U	0.17 U	0.17 U	0.21 U	**0.052 J**	0.14 U	0.15 U	0.15 U	**0.019 J**	N/A	0.15 U	0.15 U	0.14 U	0.15 U	**0.018 J**	0.26 U	0.14 UJ	0.15 U	0.15 U	0.15 R
3,3'-Dichlorobenzidine	mg/kg	5.1	0.071 UJ	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 UJ	0.13 U	0.069 U	0.074 U	0.073 UJ	0.074 UJ
4-Chloroaniline	mg/kg	11	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 U	0.074 U
4-Nitroaniline	mg/kg	110	0.18 U	0.21 U	0.22 U	0.27 U	0.25 U	0.17 U	0.19 U	0.18 U	0.18 U	N/A	0.18 U	0.18 U	0.18 U	0.19 U	0.17 UJ	0.32 U	0.17 UJ	0.19 UJ	0.18 U	0.19 U
Acenaphthene	mg/kg	45,000	0.0073 U	**0.89**	**0.032**	0.011 U	**0.35**	**0.0026 J**	**0.0095**	**0.041**	**0.085**	N/A	**0.087**	0.0074 U	**0.003 J**	**0.072**	**0.6**	**0.011 J**	**0.032**	**0.0063 J**	**0.094**	**0.057**
Acenaphthylene	mg/kg	45,000	**0.00069 J**	**0.19**	**0.52**	**0.001 J**	**0.032**	**0.025**	**0.056**	**0.08**	**0.16**	N/A	**0.014**	**0.0048 J**	**0.0019 J**	**0.064**	**0.081**	**0.0051 J**	**0.12**	**0.0095**	**0.12**	**0.13**
Acetophenone	mg/kg	120,000	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	**0.019 J**	**0.02 J**	N/A	0.073 U	0.073 U	0.072 U	**0.044 J**	**0.06 J**	0.13 U	0.069 U	0.074 U	**0.019 J**	0.074 U
Anthracene	mg/kg	230,000	0.0013 B	**3.3**	**0.8**	0.0023 B	**0.7**	**0.026**	**0.051**	**0.25**	**0.44**	N/A	**0.24**	**0.0045 J**	**0.01**	**0.32**	**0.99**	**0.03**	**0.2**	**0.045**	**0.22 J**	**0.22**
Benz[a]anthracene	mg/kg	21	0.0038 B	**12.3**	**2.7**	**0.0037 J**	**1.3**	**0.082**	**0.19**	**0.69**	**1.4**	N/A	**0.98**	**0.011**	**0.017**	**1.1**	**0.95**	**0.032**	**0.82**	**0.075**	**0.97 J**	**0.96**
Benzaldehyde	mg/kg	120,000	0.071 R	0.083 U	0.086 U	0.11 U	**0.21**	0.069 U	0.075 U	**0.031 J**	**0.048 J**	N/A	0.073 U	0.073 U	**0.04 J**	**0.11**	**0.15 J**	0.13 R	**0.017 J**	**0.024 J**	**0.022 J**	0.074 R
Benzo[a]pyrene	mg/kg	2.1	0.0044 B	**15.1**	**2.8**	**0.0021 J**	**1.2**	**0.1**	**0.24**	**0.84**	**1.6**	**1.5**	**0.96**	**0.015**	**0.022**	**1.3**	**0.79**	**0.025**	**1**	**0.067**	**1.1 J**	**0.99**
Benzo[b]fluoranthene	mg/kg	21	**0.015**	**35.7**	**5.6**	**0.0052 J**	**3.2**	**0.22**	**0.39**	**1.3**	**3.3**	**1.9**	**2.4**	**0.037**	**0.056**	**3**	**3.4 J**	**0.075**	**3.6 J**	**0.14**	**3.2 J**	**3.1**
Benzo[g,h,i]perylene	mg/kg		**0.0049 J**	**5.6**	**1.1**	**0.0017 J**	**0.42**	**0.063**	**0.097**	**0.33**	**0.5**	N/A	**0.44**	**0.01**	**0.021**	**0.73**	**0.28**	**0.019**	**0.46**	**0.035**	**0.42 J**	**0.33**
Benzo[k]fluoranthene	mg/kg	210	**0.015**	**36**	**5.7**	**0.0053 J**	**3.3**	**0.081**	**0.18**	**0.61**	**3.4**	N/A	**2.5**	**0.038**	**0.057**	**3.1**	**3.1 J**	**0.073**	**3.5 J**	**0.13**	**3.2 J**	**3.2**
bis(2-Chloroethyl)ether	mg/kg	1	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 UJ	0.069 U	0.074 U	0.073 U	0.074 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.071 U	0.083 U	0.086 U	0.11 U	**0.94**	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	**0.29**	0.076 U	0.069 UJ	0.13 U	0.069 UJ	0.074 UJ	0.039 B	0.074 UJ
Caprolactam	mg/kg	400,000	0.18 U	0.21 U	0.22 U	0.27 U	0.25 U	0.17 U	0.19 U	0.18 U	0.18 U	N/A	0.18 U	0.18 U	0.18 U	0.19 U	**0.084 J**	0.32 UJ	0.17 UJ	0.19 UJ	0.18 U	0.19 U
Carbazole	mg/kg		0.071 U	**3.2**	**0.17**	0.11 U	**0.86**	0.069 U	0.075 U	**0.14**	**0.17**	N/A	**0.27**	0.073 U	0.072 U	**0.092**	0.069 U	0.13 U	**0.048 J**	0.074 U	**0.064 J**	**0.058 J**
Chrysene	mg/kg	2,100	0.007 B	**12.4**	**2.7**	**0.0034 J**	**1.4**	**0.09**	**0.16**	**0.63**	**1.3**	N/A	**0.98**	**0.013**	**0.043**	**1.2**	**0.86**	**0.032**	**0.79**	**0.073**	**0.99 J**	**0.96**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.0016 J**	**2**	**0.56**	0.011 U	**0.18**	**0.016**	**0.038**	**0.14**	**0.19**	N/A	**0.2**	**0.0038 J**	**0.0071 J**	**0.34**	**0.11**	**0.0047 J**	**0.17**	**0.012**	**0.19 J**	**0.16**
Diethylphthalate	mg/kg	660,000	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 U	0.074 U
Di-n-butylphthalate	mg/kg	82,000	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 U	0.074 U
Di-n-ocytlphthalate	mg/kg	8,200	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	**0.028 J**	0.076 U	0.069 UJ	0.13 U	0.069 UJ	0.074 UJ	0.073 UJ	0.074 UJ
Fluoranthene	mg/kg	30,000	0.006 B	**45.3**	**5.1**	0.0076 B	**4.8**	**0.1**	**0.28**	**1.3**	**3.3**	N/A	**2.3**	**0.017**	**0.042**	**2.2**	**3.5**	**0.097**	**1.7**	**0.22**	**1.3 J**	**2.4**
Fluorene	mg/kg	30,000	0.0073 U	**0.65**	**0.1**	0.011 U	**0.28**	**0.0031 J**	**0.0058 J**	**0.048**	**0.067**	N/A	**0.051**	**0.00086 J**	**0.003 J**	**0.06**	**0.45**	**0.0072 J**	**0.028**	**0.0064 J**	**0.06**	**0.041**
Hexachloroethane	mg/kg	8	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 U	0.074 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.0047 J**	**6.2**	**1.4**	0.011 U	**0.46**	**0.055**	**0.098**	**0.36**	**0.53**	N/A	**0.48**	**0.01**	**0.011**	**0.82**	**0.3**	**0.016**	**0.5**	**0.031**	**0.48 J**	**0.39**
Naphthalene	mg/kg	17	**0.0033 J**	**0.33**	**0.46**	0.0017 B	**0.27**	**0.016**	**0.026**	**0.11**	**0.086**	N/A	**0.037**	**0.0036 J**	**0.012**	**0.25**	**0.29**	**0.039**	**0.15**	**0.015**	**0.25**	**0.2**
N-Nitrosodiphenylamine	mg/kg	470	0.071 U	0.083 U	0.086 U	0.11 U	0.1 U	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	0.069 U	0.13 U	0.069 U	0.074 U	0.073 U	0.074 U
Pentachlorophenol	mg/kg	4	0.18 UJ	0.21 U	0.22 U	0.27 U	0.25 U	0.17 U	0.19 U	0.18 U	0.18 U	N/A	0.18 U	0.18 U	0.18 U	0.19 U	0.17 UJ	0.32 U	0.17 UJ	0.19 UJ	0.18 R	0.19 R
Phenanthrene	mg/kg		0.0064 B	**14.7**	**1.7**	0.011 B	**3.5**	**0.048**	**0.054**	**1.1**	**2**	N/A	**0.95**	**0.0074**	**0.034**	**1.2**	**2.9**	**0.14**	**0.5**	**0.19**	**0.61 J**	**0.57**
Phenol	mg/kg	250,000	0.071 U	0.083 U	0.086 U	0.11 U	**0.072 J**	0.069 U	0.075 U	0.074 U	0.073 U	N/A	0.073 U	0.073 U	0.072 U	0.076 U	**0.041 J**	0.13 U	0.069 UJ	0.074 U	0.073 U	0.074 R
Pyrene	mg/kg	23,000	0.0043 B	**40.1**	**4.1**	0.0043 B	**5.4**	**0.11**	**0.27**	**1.3**	**3.1**	N/A	**2**	**0.015**	**0.05**	**2**	**2.8**	**0.064**	**1.4**	**0.2**	**1.4 J**	**2.2**
PCBs																						
Aroclor 1242	mg/kg	0.97	N/A	0.0648 U	N/A	0.0762 U	N/A	0.053 U	N/A	0.0559 U	N/A	N/A	0.0553 U	N/A	0.0523 U	N/A	0.0523 U	N/A	0.0504 U	N/A	0.0551 U	N/A
Aroclor 1248	mg/kg	0.94	N/A	0.0648 U	N/A	0.0762 U	N/A	0.053 U	N/A	0.0559 U	N/A	N/A	0.0553 U	N/A	0.0523 U	N/A	0.0523 U	N/A	0.0504 U	N/A	0.0551 U	N/A
Aroclor 1254	mg/kg	0.97	N/A	**0.0577 J**	N/A	0.0762 U	N/A	0.053 U	N/A	0.0559 U	N/A	N/A	**1.43**	N/A	0.0523 U	N/A	0.0523 U	N/A	**0.0464 J**	N/A	0.0551 U	N/A
Aroclor 1260	mg/kg	0.99	N/A	0.0648 U	N/A	0.0762 U	N/A	0.053 U	N/A	0.0559 U	N/A	N/A	0.0553 U	N/A	0.0523 U	N/A	0.0523 U	N/A	**0.0356 J**	N/A	0.0551 U	N/A
Aroclor 1262	mg/kg		N/A	**0.152**	N/A	0.0762 U	N/A	0.053 U	N/A	0.0559 U	N/A	N/A	0.0553 U	N/A	0.0523 U	N/A	0.0523 U	N/A	0.0504 U	N/A	0.0551 U	N/A
Aroclor 1268	mg/kg		N/A	0.0648 U	N/A	0.0762 U	N/A	0.053 U	N/A	**0.145**	N/A	N/A	0.0553 U	N/A	0.0523 U	N/A	0.0523 U	N/A	0.0504 U	N/A	0.0551 U	N/A
PCBs (total)	mg/kg	0.97	N/A	**0.2097**	N/A	0.0762 U	N/A	0.053 U	N/A	**0.145**	N/A	N/A	**1.43**	N/A	0.0523 U	N/A	0.0523 U	N/A	**0.082**	N/A	0.0551 U	N/A
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	4.7 B	**359**	**109**	**8.8 J**	**390**	**65.6**	**49.3**	**138**	**285**	N/A	**106**	4.5 B	**251**	**66.6**	**195 J**	**25.1 J**	**102 J**	**51.7 J**	**160 J**	**188**
Gasoline Range Organics	mg/kg	6,200	12.6 U	13.7 U	14.4 U	23.5 U	24.6 U	6.4 U	12.6 U	11.4 U	11.5 U	N/A	9.7 U	13.5 U	12.9 U	10.7 U	11 U	32.4 U	16 U	7.7 U	10.1 U	9.3 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-102-SB-1	B1-102-SB-4.5	B1-103-SB-1	B1-103-SB-5	B1-104-SB-1	B1-104-SB-5	B1-105-SB-1	B1-105-SB-5	B1-106-SB-1	B1-106-SB-5	B1-107-SB-1*	B1-107-SB-5*	B1-108-SB-1*	B1-108-SB-4.5*	B1-109-SB-1*	B1-109-SB-4*	B1-110-SB-1*	B1-110-SB-5*	B1-111-SB-1*	B1-111-SB-4*
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
1,2-Dichloroethane	mg/kg	2	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
2-Butanone (MEK)	mg/kg	190,000	**0.025**	0.01 U	0.007 U	0.0063 U	0.013 U	0.0079 U	0.012 U	0.0084 U	0.01 U	0.0085 U	0.009 U	0.0062 U	0.0093 U	0.0095 U	0.0072 U	0.012 U	0.01 U	0.0096 U	0.011 U	0.0093 U
2-Hexanone	mg/kg	1,300	**0.0071 J**	0.01 U	0.007 U	0.0063 U	0.013 U	0.0079 U	0.012 U	0.0084 U	0.01 U	0.0085 U	0.009 U	0.0062 U	0.0093 U	0.0095 U	0.0072 U	0.012 U	0.01 U	0.0096 U	0.011 U	0.0093 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	**0.0034 J**	0.01 U	0.007 U	0.0063 U	0.013 U	0.0079 U	0.012 U	0.0084 U	0.01 U	0.0085 U	0.009 U	0.0062 U	0.0093 U	0.0095 U	0.0072 U	0.012 U	0.01 U	0.0096 U	0.011 U	0.0093 U
Acetone	mg/kg	670,000	**0.15**	0.0086 B	**0.013**	**0.0041 J**	**0.0086 J**	**0.0059 J**	**0.0064 J**	**0.0054 J**	0.01 UJ	**0.0063 J**	**0.014**	0.0062 U	0.0093 U	0.0095 U	0.0072 U	**0.006 J**	**0.01 J**	**0.0066 J**	**0.026**	0.021 B
Benzene	mg/kg	5.1	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Carbon disulfide	mg/kg	3,500	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Carbon tetrachloride	mg/kg	2.9	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Chloroform	mg/kg	1.4	0.0061 U	**0.012**	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Cyclohexane	mg/kg	27,000	0.012 U	0.01 U	0.007 U	0.0063 U	0.013 U	0.0079 U	0.012 U	0.0084 U	0.01 U	0.0085 U	0.009 U	0.0062 U	0.0093 U	0.0095 U	0.0072 U	0.012 U	0.01 U	0.0096 U	0.011 U	0.0093 U
Ethylbenzene	mg/kg	25	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Isopropylbenzene	mg/kg	9,900	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Methyl Acetate	mg/kg	1,200,000	0.061 U	0.051 U	**0.0015 J**	0.032 U	0.065 U	0.04 U	0.061 U	0.042 U	0.05 U	0.043 U	0.045 U	0.031 U	0.046 U	0.048 U	0.036 U	0.06 U	0.052 U	0.048 U	0.053 U	0.046 U
Methylene Chloride	mg/kg	1,000	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Tetrachloroethene	mg/kg	100	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Toluene	mg/kg	47,000	**0.0022 J**	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	**0.0078**	**0.0071**
Trichloroethene	mg/kg	6	0.0061 U	0.0051 U	0.0035 U	0.0032 U	0.0065 U	0.004 U	0.0061 U	0.0042 U	0.005 U	0.0043 U	0.0045 U	0.0031 U	0.0046 U	0.0048 U	0.0036 U	0.006 U	0.0052 U	0.0048 U	0.0053 U	0.0046 U
Xylenes	mg/kg	2,800	0.018 U	0.015 U	0.01 U	0.0095 U	0.019 U	0.012 U	0.018 U	0.013 U	0.015 U	0.013 U	0.013 U	0.0093 U	0.014 U	0.014 U	0.011 U	0.018 U	0.015 U	0.014 U	0.016 U	0.014 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.07 U	**0.024 J**	0.071 U	0.066 U	0.15 U	0.073 U	**0.02 J**	0.07 U	0.072 U	0.072 U	**0.019 J**	0.073 U	0.07 U	**0.074 J**	0.074 U	**0.017 J**	0.073 U	0.075 U	0.07 U	0.075 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 R	0.077 U	0.07 R	0.072 R	0.072 R	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2,4,6-Trichlorophenol	mg/kg	210	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 R	0.077 U	0.07 R	0.072 R	0.072 R	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2,4-Dimethylphenol	mg/kg	16,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 R	0.077 U	0.07 R	0.072 R	0.072 R	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.18 U	0.18 UJ	0.17 UJ	0.38 UJ	0.18 R	0.19 UJ	0.18 R	0.18 R	0.18 R	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U
2,4-Dinitrotoluene	mg/kg	7.4	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2-Chloronaphthalene	mg/kg	60,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2-Chlorophenol	mg/kg	5,800	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 R	0.077 U	0.07 R	0.072 R	0.072 R	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2-Methylnaphthalene	mg/kg	3,000	**0.0068 J**	**0.08**	**0.021**	**0.0068 J**	0.074 U	**0.035**	**0.041**	0.0071 U	**0.0021 J**	0.0073 U	**0.058**	**0.025**	**0.016**	**0.071**	**0.02**	**0.042**	**0.025 J**	**0.0053 J**	**0.01**	**0.006 J**
2-Methylphenol	mg/kg	41,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 R	0.077 U	0.07 R	0.072 R	0.072 R	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.18 U	0.18 U	0.17 U	0.38 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.14 U	0.15 U	0.14 U	0.13 U	0.3 U	0.15 R	0.15 U	0.14 R	0.14 R	0.14 R	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.07 UJ	0.074 UJ	0.071 UJ	0.066 UJ	0.15 UJ	0.073 U	0.077 UJ	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
4-Chloroaniline	mg/kg	11	0.07 U	0.074 UJ	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
4-Nitroaniline	mg/kg	110	0.18 U	0.18 U	0.18 U	0.17 UJ	0.38 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.0021 J**	**0.067**	**0.0091**	0.0068 U	**0.011 J**	**0.0096**	**0.0057 J**	0.0071 U	0.0073 U	0.0073 U	**0.015**	**0.009**	**0.0058 J**	**0.01**	**0.011**	**0.095**	**0.032 J**	**0.0053 J**	**0.0054 J**	0.0076 U
Acenaphthylene	mg/kg	45,000	**0.017**	**0.15**	**0.008**	**0.001 J**	**0.035 J**	**0.0097**	**0.02**	0.0071 U	**0.00096 J**	0.0073 U	**0.33**	**0.24**	**0.093**	**0.015**	**0.049**	**0.086**	**0.12**	**0.01**	**0.0023 J**	**0.0013 J**
Acetophenone	mg/kg	120,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	**0.04 J**	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	**0.019 J**	0.074 U	0.072 U	**0.085**	0.075 U	0.07 U	0.075 U
Anthracene	mg/kg	230,000	**0.0071**	**0.38**	**0.053**	**0.0026 J**	**0.15**	**0.016**	**0.028**	0.0071 U	**0.0029 J**	0.0073 U	**0.6**	**0.38**	**0.2**	**0.013**	**0.089**	**0.43**	**0.36**	**0.0079**	**0.012**	**0.0057 J**
Benz[a]anthracene	mg/kg	21	**0.042**	**0.93**	**0.21**	**0.0074**	**0.51**	**0.054**	**0.13**	0.0071 U	**0.0088**	0.0073 U	**0.7**	**1**	**2.1**	**0.0076 J**	**0.24**	**0.95**	**0.86**	**0.026**	**0.049**	**0.011**
Benzaldehyde	mg/kg	120,000	**0.026 J**	0.074 R	**0.028 J**	0.066 R	0.15 R	0.073 R	**0.028 J**	0.07 R	0.072 R	0.072 R	**0.016 J**	0.073 U	0.07 U	**0.056 J**	0.074 U	0.072 U	**0.095**	0.075 U	0.07 U	0.075 U
Benzo[a]pyrene	mg/kg	2.1	**0.053**	**0.87 J**	**0.21 J**	**0.0079 J**	**0.34**	**0.045**	**0.12**	0.0071 UJ	**0.0073 J**	0.0073 UJ	**0.71**	**1.1**	**3.9**	**0.0044 J**	**0.25**	**0.58**	**0.97**	**0.025**	**0.057**	**0.006 J**
Benzo[b]fluoranthene	mg/kg	21	**0.13**	**1.5**	**0.51 J**	**0.021 J**	**0.8**	**0.1**	**0.3**	0.0071 UJ	**0.021 J**	**0.00089 J**	**2.1**	**2.4**	**7.5**	**0.015**	**0.56**	**1.7**	**3**	**0.073**	**0.14**	**0.024**
Benzo[g,h,i]perylene	mg/kg		**0.022**	**0.34 J**	**0.059 J**	**0.0036 J**	**0.14**	**0.032**	**0.047**	0.0071 UJ	**0.0028 J**	0.0073 UJ	**0.32**	**0.42**	**2.8**	**0.0032 J**	**0.14**	**0.2**	**0.25**	**0.012**	**0.039**	**0.0043 J**
Benzo[k]fluoranthene	mg/kg	210	**0.13**	**1.5**	**0.52 J**	**0.021 J**	**0.77**	**0.099**	**0.29**	0.0071 UJ	**0.021 J**	**0.00091 J**	**2.1**	**2.4**	**7.7**	**0.015**	**0.58**	**1.7**	**3.1**	**0.075**	**0.13**	**0.022**
bis(2-Chloroethyl)ether	mg/kg	1	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	**0.32 J**	0.074 UJ	0.055 B	**0.019 J**	**0.17 J**	**8 J**	**0.1 J**	0.07 U	0.072 U	0.072 U	**0.12**	**0.12**	**0.017 J**	**0.09**	**0.019 J**	0.072 U	**0.51 J**	0.075 U	0.07 U	0.075 U
Caprolactam	mg/kg	400,000	0.18 U	**0.038 J**	0.18 U	0.17 U	0.38 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U
Carbazole	mg/kg		0.07 U	**0.045 J**	**0.026 J**	0.066 U	**0.068 J**	**0.04 J**	**0.058 J**	0.07 U	0.072 U	0.072 U	**0.065 J**	**0.026 J**	**0.044 J**	0.076 U	**0.018 J**	**0.069 J**	**0.022 J**	0.075 U	0.07 U	0.075 U
Chrysene	mg/kg	2,100	**0.06**	**0.87**	**0.22**	**0.0095**	**0.37**	**0.064**	**0.15**	**0.00056 J**	**0.011**	0.0073 U	**0.89**	**1.2**	**2.6**	**0.024**	**0.28**	**0.95**	**1.1**	**0.025**	**0.074**	**0.016**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.0067 J**	**0.17 J**	**0.026 J**	0.0068 UJ	**0.06 J**	**0.011**	**0.021**	0.0071 UJ	0.0073 UJ	0.0073 UJ	**0.12**	**0.19**	**0.6**	0.0079 U	**0.054**	**0.11**	**0.17**	**0.0044 J**	**0.012**	**0.0012 J**
Diethylphthalate	mg/kg	660,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
Di-n-butylphthalate	mg/kg	82,000	**0.038 J**	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	**0.019 J**	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	**0.024 J**	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
Di-n-ocytlphthalate	mg/kg	8,200	**0.32 J**	0.074 UJ	0.071 UJ	0.066 UJ	0.15 UJ	0.073 U	0.077 UJ	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	**0.88**	0.075 U	0.07 U	0.075 U
Fluoranthene	mg/kg	30,000	**0.078**	**1.5**	**0.41**	**0.015**	**0.94**	**0.16**	**0.29**	**0.0011 J**	**0.022**	**0.0011 J**	**0.99**	**1.1**	**1.1**	**0.057**	**0.34**	**1.8**	**1.1**	**0.038**	**0.1**	**0.045**
Fluorene	mg/kg	30,000	**0.0031 J**	**0.078**	**0.0081**	**0.00087 J**	**0.013 J**	**0.0054 J**	**0.0073 J**	0.0071 U	0.0073 U	0.0073 U	**0.017**	**0.017**	**0.01**	**0.0097**	**0.0077**	**0.094**	**0.027 J**	**0.0041 J**	**0.0036 J**	0.0076 U
Hexachloroethane	mg/kg	8	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.017**	**0.35 J**	**0.064 J**	**0.0021 J**	**0.13**	**0.025**	**0.044**	0.0071 UJ	**0.0024 J**	0.0073 UJ	**0.33**	**0.5**	**2.8**	**0.002 J**	**0.14**	**0.25**	**0.29**	**0.012**	**0.028**	**0.0037 J**
Naphthalene	mg/kg	17	**0.0086**	**0.077**	**0.021**	**0.0049 J**	**0.011 J**	**0.029**	**0.052**	**0.0014 J**	**0.0028 J**	**0.0013 J**	**0.051**	**0.038**	**0.028**	**0.083**	**0.036**	**0.048**	**0.031 J**	**0.0094**	**0.023**	**0.017**
N-Nitrosodiphenylamine	mg/kg	470	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 U	0.077 U	0.07 U	0.072 U	0.072 U	0.071 U	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
Pentachlorophenol	mg/kg	4	0.18 U	0.18 U	0.18 U	0.17 U	0.38 U	0.18 R	0.19 U	0.18 R	0.18 R	0.18 R	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U
Phenanthrene	mg/kg		**0.046**	**1**	**0.18**	**0.01**	**0.37**	**0.15**	**0.12**	**0.0021 J**	**0.013**	**0.0015 J**	**0.28**	**0.22**	**0.22**	**0.08**	**0.086**	**0.71**	**0.24**	**0.015**	**0.07**	**0.033**
Phenol	mg/kg	250,000	0.07 U	0.074 U	0.071 U	0.066 U	0.15 U	0.073 R	0.077 U	0.07 R	0.072 R	0.072 R	**0.024 J**	0.073 U	0.07 U	0.076 U	0.074 U	0.072 U	0.073 U	0.075 U	0.07 U	0.075 U
Pyrene	mg/kg	23,000	**0.075**	**1.7**	**0.35**	**0.015**	**0.72**	**0.13**	**0.25**	**0.00075 J**	**0.017**	**0.001 J**	**1.4**	**1.3**	**1.4**	**0.043**	**0.33**	**1.7**	**1.7**	**0.035**	**0.1**	**0.034**
PCBs																						
Aroclor 1242	mg/kg	0.97	0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	0.0561 U	N/A	0.0541 U	N/A	0.0535 U	N/A	0.0519 U	N/A	0.0538 U	N/A	0.052 U	N/A	0.0556 U	N/A
Aroclor 1248	mg/kg	0.94	0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	0.0561 U	N/A	0.0541 U	N/A	0.0535 U	N/A	0.0519 U	N/A	0.0538 U	N/A	**0.135**	N/A	0.0556 U	N/A
Aroclor 1254	mg/kg	0.97	0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	0.0561 U	N/A	0.0541 U	N/A	0.0535 U	N/A	**0.117**	N/A	**0.0767**	N/A	**0.168**	N/A	0.0556 U	N/A
Aroclor 1260	mg/kg	0.99	0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	0.0561 U	N/A	0.0541 U	N/A	0.0535 U	N/A	**0.0895**	N/A	**0.0622**	N/A	0.052 U	N/A	0.0556 U	N/A
Aroclor 1262	mg/kg		0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	**0.304**	N/A	0.0541 U	N/A	0.0535 U	N/A	0.0519 U	N/A	0.0538 U	N/A	0.052 U	N/A	0.0556 U	N/A
Aroclor 1268	mg/kg		0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	0.0561 U	N/A	0.0541 U	N/A	0.0535 U	N/A	0.0519 U	N/A	0.0538 U	N/A	0.052 U	N/A	**0.0494 J**	N/A
PCBs (total)	mg/kg	0.97	0.0579 U	N/A	0.0528 U	N/A	0.057 U	N/A	**0.304**	N/A	0.0541 U	N/A	0.0535 U	N/A	**0.2065**	N/A	**0.1389**	N/A	**0.303**	N/A	**0.0494 J**	N/A
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**344**	**244**	**35**	**18.6**	**308**	**60.4**	**29.6**	**6.8 J**	**14.8**	**15.9**	**153**	**98.1**	**57.8**	**92.9**	**53.5**	**66.9**	**158**	**181**	**15.1**	**34.9**
Gasoline Range Organics	mg/kg	6,200	13.3 U	11.3 U	6.4 U	8.1 U	12.2 U	10 U	10.5 U	8.6 U	12.9 U	9 U	9.6 U	6.6 U	9.9 U	8.8 U	8.6 U	13.5 U	8.5 U	10.3 U	10.7 U	11.6 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-112-SB-1*	B1-112-SB-5*	B1-113-SB-1*	B1-113-SB-5*	B1-114-SB-1*	B1-115-SB-1	B1-116-SB-1	B1-116-SB-5	B1-117-SB-1*	B1-117-SB-4.5*	B1-118-SB-1*	B1-118-SB-5*	B1-119-SB-1	B1-119-SB-5	B1-120-SB-1	B1-121-SB-1	B1-122-SB-1	B1-123-SB-1	B1-124-SB-1	B1-125-SB-1
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	**0.0011 J**
1,2-Dichloroethane	mg/kg	2	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
2-Butanone (MEK)	mg/kg	190,000	**0.0051 J**	**0.011**	0.01 U	0.0094 U	**0.0029 J**	0.01 U	0.014 U	0.01 U	0.0078 U	0.011 U	0.0095 U	**0.0023 J**	0.0099 U	0.0078 U	0.012 U	0.0095 U	0.012 U	0.011 U	0.01 U	**0.0026 J**
2-Hexanone	mg/kg	1,300	0.011 U	**0.0029 J**	0.01 U	0.0094 U	0.0097 U	0.01 U	0.014 U	0.01 U	0.0078 U	0.011 U	0.0095 U	0.0078 U	0.0099 U	0.0078 U	0.012 U	0.0095 U	0.012 U	0.011 U	0.01 U	0.01 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.011 U	0.0086 U	0.01 U	0.0094 U	0.0097 U	0.01 U	0.014 U	0.01 U	0.0078 U	0.011 U	0.0095 U	0.0078 U	0.0099 U	0.0078 U	0.012 U	0.0095 U	0.012 U	0.011 U	0.01 U	0.01 U
Acetone	mg/kg	670,000	0.037 B	**0.1**	0.043 B	0.0094 U	0.0087 B	0.016 B	0.0088 B	0.01 UJ	0.0078 U	**0.018**	**0.0097**	**0.013**	0.0083 B	**0.026 J**	0.012 U	0.0047 B	0.012 U	0.018 B	0.0053 B	0.04 B
Benzene	mg/kg	5.1	**0.002 J**	**0.006**	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	**0.0014 J**	0.0049 U	0.0039 U	**0.0025 J**	**0.0025 J**	**0.0016 J**	0.0054 U	**0.0016 J**	0.0051 U
Carbon disulfide	mg/kg	3,500	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Carbon tetrachloride	mg/kg	2.9	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 UJ	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 UJ	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Chloroform	mg/kg	1.4	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Cyclohexane	mg/kg	27,000	0.011 U	0.0086 U	0.01 U	0.0094 U	0.0097 U	0.01 U	0.014 U	0.01 U	0.0078 U	0.011 U	0.0095 U	0.0078 U	0.0099 U	0.0078 U	0.012 U	0.0095 U	0.012 U	0.011 U	0.01 U	0.01 U
Ethylbenzene	mg/kg	25	**0.0019 J**	**0.0029 J**	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Isopropylbenzene	mg/kg	9,900	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Methyl Acetate	mg/kg	1,200,000	0.053 U	0.043 U	0.052 U	0.047 U	0.048 U	0.051 U	0.071 U	0.051 U	0.039 U	0.057 U	0.047 U	0.039 U	0.049 U	0.039 U	0.061 U	0.048 U	0.058 U	0.054 U	0.052 U	0.051 U
Methylene Chloride	mg/kg	1,000	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Tetrachloroethene	mg/kg	100	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Toluene	mg/kg	47,000	**0.0091**	**0.011**	**0.0054**	**0.0076**	**0.009**	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	**0.0026 J**	0.0049 U	**0.0013 J**	0.0052 B	**0.0025 J**	**0.002 J**	0.0054 U	**0.0018 J**	0.0051 U
Trichloroethene	mg/kg	6	0.0053 U	0.0043 U	0.0052 U	0.0047 U	0.0048 U	0.0051 U	0.0071 U	0.0051 U	0.0039 U	0.0057 U	0.0047 U	0.0039 U	0.0049 U	0.0039 U	0.0061 U	0.0048 U	0.0058 U	0.0054 U	0.0052 U	0.0051 U
Xylenes	mg/kg	2,800	0.016 U	**0.0091 J**	0.016 U	0.014 U	0.014 U	0.015 U	0.021 U	0.015 U	0.012 U	0.017 U	0.014 U	0.012 U	0.015 U	0.012 U	0.018 U	0.014 U	0.017 U	0.016 U	0.016 U	0.015 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.074 U	**0.18**	**0.016 J**	**0.05 J**	0.074 U	**0.11 J**	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	**0.17**	0.073 U	**0.13**	**1.2 J**	**0.28**	**0.61**	**0.71 J**	**0.61**	**0.17 J**
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 R	0.07 R	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
2,4,6-Trichlorophenol	mg/kg	210	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 R	0.07 R	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
2,4-Dimethylphenol	mg/kg	16,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 R	0.07 R	0.073 U	0.074 U	0.075 U	**0.02 J**	0.076 U	0.075 U
2,4-Dinitrophenol	mg/kg	1,600	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 UJ	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 R	0.18 R	0.18 UJ	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ
2,4-Dinitrotoluene	mg/kg	7.4	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
2-Chloronaphthalene	mg/kg	60,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
2-Chlorophenol	mg/kg	5,800	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 R	0.07 R	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
2-Methylnaphthalene	mg/kg	3,000	**0.0023 J**	**0.8**	**0.026**	**0.49**	**0.0028 J**	**0.24**	**0.0076**	0.0071 U	**0.027**	**0.014**	**0.0055 J**	**0.54**	**0.0066 J**	**0.21**	**0.27**	**0.34**	**0.26 J**	**0.44**	**0.38**	**0.13**
2-Methylphenol	mg/kg	41,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 R	0.07 R	0.073 U	0.074 U	0.075 U	**0.02 J**	0.076 U	0.075 U
2-Nitroaniline	mg/kg	8,000	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 UJ	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 R	0.14 R	0.15 U	0.15 U	0.15 U	**0.045 J**	0.15 U	**0.14 J**
3,3'-Dichlorobenzidine	mg/kg	5.1	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 UJ	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 UJ	0.074 UJ	0.075 UJ	0.076 UJ	0.076 U	0.075 UJ
4-Chloroaniline	mg/kg	11	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	**0.22 J**
4-Nitroaniline	mg/kg	110	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.0012 J**	**0.17**	**0.0028 J**	**2.5**	**0.00073 J**	**0.35**	**0.02**	**0.00083 J**	**0.0014 J**	**0.001 J**	**0.0032 J**	**0.035**	**0.0067 J**	**0.0089**	**0.1**	**0.14**	**0.14 J**	**0.16**	**0.13**	**0.059**
Acenaphthylene	mg/kg	45,000	0.0074 U	**0.23**	**0.013**	**0.23**	0.0076 U	**0.19**	**0.11**	0.0017 B	**0.0055 J**	**0.0063 J**	**0.0025 J**	**0.26**	0.0069 B	**0.016**	**0.22**	**0.25**	**0.29 J**	**0.75**	**0.41**	**0.12**
Acetophenone	mg/kg	120,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	**0.026 J**	0.074 U	0.07 U	0.07 U	**0.024 J**	0.07 U	**0.12**	0.073 U	**0.028 J**	**0.051 J**	**0.071 J**	**0.085**	**0.081 J**	**0.065 J**	**0.044 J**
Anthracene	mg/kg	230,000	**0.0022 J**	**0.67**	**0.015**	**2.3**	**0.0032 J**	**3.3**	**0.31**	0.0066 B	**0.0081**	**0.014**	**0.0051 J**	**0.6**	**0.2**	**0.075**	**0.52**	**0.61**	**0.61 J**	**1.5**	**0.74**	**0.28**
Benz[a]anthracene	mg/kg	21	**0.0028 J**	**1.8**	**0.042**	**3.9**	**0.016**	**5.4**	**1.5**	**0.019**	**0.026**	**0.035**	**0.011**	**1.8**	**0.34**	**0.2**	**1.5**	**1.6**	**2.5**	**4**	**2.3**	**0.7**
Benzaldehyde	mg/kg	120,000	0.074 U	0.075 U	**0.02 J**	0.072 U	0.074 U	**0.023 J**	0.074 R	0.07 R	0.07 U	0.073 U	0.07 U	**0.18**	0.073 R	**0.018 J**	**0.039 J**	**0.034 J**	**0.033 J**	**0.053 J**	**0.042 J**	**0.019 J**
Benzo[a]pyrene	mg/kg	2.1	**0.0019 J**	**1.6**	**0.068**	**2.7**	**0.044**	**3.3 J**	**1.4**	**0.015**	**0.026**	**0.025**	**0.0087**	**1.6**	**0.14**	**0.28**	**1.6 J**	**1.7 J**	**2.6**	**3.9**	**2.5 J**	**0.88 J**
Benzo[b]fluoranthene	mg/kg	21	**0.0032 J**	**3.1**	**0.19**	**6.2**	**0.064**	**10.6 J**	**4.2 J**	**0.029**	**0.081**	**0.12**	**0.033**	**4.3**	**0.45**	**0.82**	**3.3 J**	**3.6 J**	**5.3**	**6.9**	**5.3 J**	**2.2**
Benzo[g,h,i]perylene	mg/kg		0.0074 U	**0.72**	**0.025**	**0.84**	**0.05**	**2.1 J**	**0.52**	**0.012**	**0.019**	**0.021**	**0.0056 J**	**0.69**	**0.074**	**0.1**	**0.73 J**	**0.7**	**0.92**	**2**	**1.1 J**	**0.32 J**
Benzo[k]fluoranthene	mg/kg	210	**0.003 J**	**3**	**0.18**	**6**	**0.061**	**10.2 J**	**4.1 J**	**0.029**	**0.082**	**0.13**	**0.033**	**4.4**	**0.46**	**0.79**	**3.2 J**	**3.6 J**	**5.5**	**7**	**5.3 J**	**2.3**
bis(2-Chloroethyl)ether	mg/kg	1	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 UJ	0.074 UJ	0.07 UJ	**0.015 J**	0.073 U	**0.031 J**	**0.072**	0.073 U	0.07 U	0.073 UJ	0.074 UJ	**0.19 J**	**0.24 J**	0.067 B	**1.6 J**
Caprolactam	mg/kg	400,000	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Carbazole	mg/kg		0.074 U	**0.23**	0.075 U	**0.3**	0.074 U	**0.95 J**	**0.34 J**	0.07 U	0.07 U	0.073 U	0.07 U	**0.14**	**0.034 J**	**0.049 J**	**0.2 J**	**0.16**	**0.29**	**0.63 J**	**0.22**	**0.085 J**
Chrysene	mg/kg	2,100	**0.0029 J**	**1.5**	**0.081**	**3.1**	**0.029**	**5.4**	**2.2**	**0.02**	**0.054**	**0.06**	**0.018**	**2.1**	**0.39**	**0.4**	**1.5**	**1.7**	**2.6**	**4.1**	**2.4**	**0.77**
Dibenz[a,h]anthracene	mg/kg	2.1	0.0074 U	**0.25**	**0.0093**	**0.44**	**0.042**	**0.8 J**	**0.22**	**0.0034 J**	**0.0071**	**0.008**	**0.0017 J**	**0.25**	**0.025**	**0.041**	**0.33 J**	**0.27**	**0.34**	**0.69**	**0.6 J**	**0.11 J**
Diethylphthalate	mg/kg	660,000	**0.081**	0.075 U	**0.024 J**	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
Di-n-butylphthalate	mg/kg	82,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	**0.018 J**	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
Di-n-octylphthalate	mg/kg	8,200	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 UJ	0.074 UJ	0.07 UJ	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 UJ	0.074 UJ	0.075 UJ	0.076 UJ	0.076 U	**0.11 J**
Fluoranthene	mg/kg	30,000	**0.0098**	**4.5**	**0.15**	**14.9**	**0.013**	**13.9**	**3.7**	**0.04**	**0.068**	**0.11**	**0.037**	**4.1**	**0.99**	**0.9**	**2.4**	**3.3**	**5.1**	**8.9**	**4.4**	**1.2**
Fluorene	mg/kg	30,000	0.0074 U	**0.28**	**0.0026 J**	**2.6**	**0.0011 J**	**0.15**	**0.011**	**0.0012 J**	**0.0019 J**	**0.0012 J**	**0.0025 J**	**0.021**	**0.0064 J**	**0.0067 J**	**0.095**	**0.15**	**0.13 J**	**0.59**	**0.13**	**0.087**
Hexachloroethane	mg/kg	8	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	0.072 U	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	0.0074 U	**0.75**	**0.024**	**0.88**	**0.029**	**1.6 J**	**0.49**	**0.0091**	**0.015**	**0.022**	**0.0046 J**	**0.73**	**0.074**	**0.089**	**0.74 J**	**0.69**	**0.93**	**1.9**	**1 J**	**0.31 J**
Naphthalene	mg/kg	17	**0.013**	**4.8**	**0.033**	**0.31**	**0.0052 J**	**0.33**	**0.011**	0.0023 B	**0.028**	**0.013**	**0.0043 J**	**0.67**	**0.013**	**0.3**	**0.77**	**0.96**	**0.91**	**1.3**	**1.5**	**0.33**
N-Nitrosodiphenylamine	mg/kg	470	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 U	0.07 U	0.07 U	0.073 U	0.07 U	**0.096**	0.073 U	0.07 U	0.073 U	0.074 U	0.075 U	0.076 U	0.076 U	0.075 U
Pentachlorophenol	mg/kg	4	0.19 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 UJ	0.18 UJ	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 R	0.18 R	0.18 UJ	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ	0.19 UJ
Phenanthrene	mg/kg		**0.011**	**4.5**	**0.099**	**8.3**	**0.012**	**12.2**	**1.1**	**0.025**	**0.048**	**0.057**	**0.018**	**1.9**	**1**	**0.74**	**0.97**	**2.2**	**3.1**	**5.5**	**2.4**	**0.94**
Phenol	mg/kg	250,000	0.074 U	0.075 U	0.075 U	0.072 U	0.074 U	0.077 U	0.074 UJ	0.07 U	0.07 U	0.073 U	0.07 U	**0.13**	0.073 R	0.07 R	**0.029 J**	**0.018 J**	**0.036 J**	**0.04 J**	**0.045 J**	**0.24 J**
Pyrene	mg/kg	23,000	**0.0063 J**	**3.4**	**0.1**	**13.8**	**0.012**	**14.2**	**5.2**	**0.044**	**0.06**	**0.09**	**0.032**	**3.7**	**1.2**	**0.51**	**2.6**	**3.5**	**5.6**	**9.9**	**4.6**	**1.4**
PCBs																						
Aroclor 1242	mg/kg	0.97	0.0551 U	N/A	0.0539 U	N/A	0.0623 U	0.0571 U	0.057 U	N/A	**0.205**	N/A	0.0546 U	N/A	0.0603 U	N/A	0.0551 U	**0.0708 J**	**0.19**	**0.115 J**	**0.131**	**0.136 J**
Aroclor 1248	mg/kg	0.94	0.0551 U	N/A	0.0539 U	N/A	0.0623 U	0.0571 U	0.057 U	N/A	0.0542 U	N/A	0.0546 U	N/A	0.0603 U	N/A	0.0551 U	0.0556 U	0.0571 U	0.0574 U	0.0582 U	0.0577 U
Aroclor 1254	mg/kg	0.97	0.0551 U	N/A	0.0539 U	N/A	0.0623 U	**0.145**	0.057 U	N/A	**0.14**	N/A	0.0546 U	N/A	**0.122**	N/A	**0.296**	**0.158 J**	**0.378 J**	**0.108 J**	**0.363 J**	**0.307 J**
Aroclor 1260	mg/kg	0.99	0.0551 U	N/A	0.0539 U	N/A	0.0623 U	0.0571 U	0.057 U	N/A	**0.0512 J**	N/A	0.0546 U	N/A	**0.0918**	N/A	0.0551 U	0.0556 U	0.0571 U	0.0574 U	0.0582 U	0.0577 U
Aroclor 1262	mg/kg		0.0551 U	N/A	0.0539 U	N/A	0.0623 U	**0.177 J**	0.057 U	N/A	0.0542 U	N/A	0.0546 U	N/A	0.0603 U	N/A	**0.4**	**0.177**	**0.411 J**	**0.163**	**0.544**	**0.433**
Aroclor 1268	mg/kg		0.0551 U	N/A	**0.162**	N/A	**0.201**	0.0571 U	0.057 U	N/A	0.0542 U	N/A	0.0546 U	N/A	0.0603 U	N/A	0.0551 U	0.0556 U	0.0571 U	0.0574 U	0.0582 U	0.0577 U
PCBs (total)	mg/kg	0.97	0.0551 U	N/A	**0.162**	N/A	**0.201**	**0.322**	0.057 U	N/A	**0.3962**	N/A	0.0546 U	N/A	**0.2138**	N/A	**0.696**	**0.4058**	**0.979**	**0.386**	**1.038**	**0.876**
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**8.3**	**82.4**	**63.3**	**30.7**	**9.1**	**327 J**	**125**	3.2 B	**39.1**	**32.9**	**66.5**	**272**	**89.3**	**202**	**223 J**	**193**	**287**	**325**	**240**	**1,140**
Gasoline Range Organics	mg/kg	6,200	**12.2**	8 U	11.6 U	10.4 U	11.4 U	12.7 U	9.4 U	10.1 U	8.1 U	12.5 U	8.9 U	**4.9 J**	10 U	8.8 U	11 U	12.6 U	12.7 U	11.5 U	10.6 U	11.9 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-126-SB-1	B1-127-SB-1	B1-127-SB-6	B1-128-SB-1	B1-129-SB-1	B1-129-SB-5	B1-130-SB-1*	B1-130-SB-9*	B1-131-SB-1*	B1-131-SB-4*	B1-132-SB-1	B1-132-SB-5	B1-133-SB-1	B1-133-SB-5	B1-134-SB-1	B1-134-SB-5	B1-135-SB-1*	B1-135-SB-5*	B1-136-SB-1	B1-136-SB-5
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
1,2-Dichloroethane	mg/kg	2	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
2-Butanone (MEK)	mg/kg	190,000	**0.0039 J**	0.01 U	0.013 U	0.0092 U	0.0086 U	0.011 U	0.012 U	0.0096 U	0.0089 U	0.012 U	0.0098 U	0.017 U	0.0093 U	0.012 U	0.0099 U	0.012 U	0.0097 U	0.0094 U	0.012 U	0.015 U
2-Hexanone	mg/kg	1,300	0.0091 U	0.01 U	0.013 U	0.0092 U	0.0086 U	0.011 U	0.012 U	0.0096 U	0.0089 U	0.012 U	0.0098 U	0.017 U	0.0093 U	0.012 U	0.0099 U	0.012 U	0.0097 U	0.0094 U	0.012 U	0.015 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0091 U	0.01 U	0.013 U	0.0092 U	0.0086 U	0.011 U	0.012 U	0.0096 U	0.0089 U	0.012 U	0.0098 U	0.017 U	0.0093 U	0.012 U	0.0099 U	0.012 U	0.0097 U	0.0094 U	0.012 U	0.015 U
Acetone	mg/kg	670,000	**0.12**	0.017 B	0.0072 B	0.0064 B	0.0064 B	0.0077 B	0.012 U	0.0096 U	0.0089 U	0.012 U	0.0055 B	0.027 B	0.0093 U	0.012 B	0.0099 U	0.0075 B	**0.01**	**0.0084 J**	0.006 B	0.01 B
Benzene	mg/kg	5.1	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	**0.0038 J**	**0.006 J**	0.0046 U	**0.0079**	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Carbon disulfide	mg/kg	3,500	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Carbon tetrachloride	mg/kg	2.9	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Chloroform	mg/kg	1.4	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Cyclohexane	mg/kg	27,000	0.0091 U	0.01 U	0.013 U	0.0092 U	0.0086 U	0.011 U	0.012 U	0.0096 U	0.0089 U	0.012 U	0.0098 U	0.017 U	0.0093 U	0.012 U	0.0099 U	0.012 U	0.0097 U	0.0094 U	0.012 U	0.015 U
Ethylbenzene	mg/kg	25	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Isopropylbenzene	mg/kg	9,900	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Methyl Acetate	mg/kg	1,200,000	0.045 U	0.051 U	0.063 U	0.046 U	0.043 U	0.055 U	0.059 U	0.048 U	0.044 U	0.058 U	0.049 U	0.086 U	0.046 U	0.06 U	0.049 U	0.062 U	0.048 U	0.047 U	0.058 U	0.073 U
Methylene Chloride	mg/kg	1,000	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Tetrachloroethene	mg/kg	100	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Toluene	mg/kg	47,000	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	**0.0028 J**	**0.0067 J**	0.0046 U	**0.003 J**	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Trichloroethene	mg/kg	6	0.0045 U	0.0051 U	0.0063 U	0.0046 U	0.0043 U	0.0055 U	0.0059 U	0.0048 U	0.0044 U	0.0058 U	0.0049 U	0.0086 U	0.0046 U	0.006 U	0.0049 U	0.0062 U	0.0048 U	0.0047 U	0.0058 U	0.0073 U
Xylenes	mg/kg	2,800	0.014 U	0.015 U	0.019 U	0.014 U	0.013 U	0.016 U	0.018 U	0.014 U	0.013 U	0.018 U	0.015 U	0.026 U	0.014 U	0.018 U	0.015 U	0.019 U	0.015 U	0.014 U	0.017 U	0.022 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.071 U	**0.027 J**	**0.031 J**	0.072 U	0.073 U	0.075 U	**0.033 J**	0.076 U	**0.023 J**	0.077 U	**1.3 J**	0.08 U	**0.21**	0.075 U	**0.13**	**0.037 J**	0.075 U	0.072 U	**0.084**	0.077 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.071 R	0.077 R	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 UJ
2,4,6-Trichlorophenol	mg/kg	210	0.071 R	0.077 R	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
2,4-Dimethylphenol	mg/kg	16,000	0.071 R	0.077 R	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	**0.047 J**	0.077 U	**0.021 J**	0.08 U	0.074 U	0.075 U	0.072 U	**0.033 J**	0.075 U	0.072 U	0.076 U	0.077 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 R	0.19 R	0.2 UJ	0.18 UJ	0.18 UJ	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.2 UJ	0.19 UJ	0.19 R	0.18 UJ	0.2 UJ	0.19 U	0.18 U	0.19 U	0.19 UJ
2,4-Dinitrotoluene	mg/kg	7.4	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
2-Chloronaphthalene	mg/kg	60,000	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	**0.051 J**	0.077 U
2-Chlorophenol	mg/kg	5,800	0.071 R	0.077 R	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
2-Methylnaphthalene	mg/kg	3,000	**0.061**	**0.13**	**0.13**	**0.017**	**0.029**	**0.051**	**0.17**	**0.0016 J**	**0.042**	**0.054**	**0.47**	**0.1**	**0.12**	**0.012**	**0.18**	**0.34**	**0.0017 J**	**0.011**	**0.46**	0.0077 U
2-Methylphenol	mg/kg	41,000	0.071 R	0.077 R	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	**0.023 J**	0.08 U	0.074 U	0.075 U	0.072 U	**0.056 J**	0.075 U	0.072 U	0.076 U	0.077 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.19 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.14 R	0.15 R	**0.038 J**	0.14 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	**0.044 J**	0.16 U	0.15 U	0.15 U	0.14 U	**0.11 J**	0.15 U	0.14 U	**0.021 J**	0.15 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.071 U	0.077 U	0.079 U	0.072 UJ	0.073 U	0.075 UJ	0.076 U	0.076 U	0.074 U	0.077 U	0.077 UJ	0.08 UJ	0.074 UJ	0.075 U	0.072 UJ	0.082 U	0.075 U	0.072 U	0.076 UJ	0.077 UJ
4-Chloroaniline	mg/kg	11	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
4-Nitroaniline	mg/kg	110	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.19 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.0055 J**	**0.021**	**0.011**	**0.003 J**	**0.006 J**	**0.0094**	**0.098**	0.0075 U	**0.076**	**0.0055 J**	**0.25**	**0.5**	**0.052**	0.0074 U	**0.026**	**0.011**	0.0016 B	0.003 B	**0.025**	0.0077 U
Acenaphthylene	mg/kg	45,000	**0.02**	**0.057**	**0.082**	**0.017**	**0.036**	**0.038**	**0.26**	**0.004 J**	**0.15**	**0.0098**	**0.81**	**0.052**	**0.22**	**0.025**	**0.12**	**0.055**	0.0074 U	**0.0063 J**	**0.35**	**0.0016 J**
Acetophenone	mg/kg	120,000	**0.02 J**	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	**0.029 J**	0.076 U	**0.028 J**	**0.23**	**0.11 J**	0.08 U	**0.035 J**	0.075 U	**0.025 J**	0.082 U	0.075 U	0.072 U	**0.096**	0.077 U
Anthracene	mg/kg	230,000	**0.042**	**0.11**	**0.11**	**0.014**	**0.025**	**0.13**	**0.79**	**0.0035 J**	**0.53**	**0.025**	**1.5**	**1.1**	**0.25**	**0.0047 J**	**0.15**	**0.11**	0.0052 B	0.018 B	**0.3**	0.0028 B
Benz[a]anthracene	mg/kg	21	**0.14**	**0.34**	**0.41**	**0.06**	**0.092**	**0.81**	**3.3**	**0.02**	**1.9**	**0.1**	**5.2**	**1.5**	**0.74**	**0.0082**	**0.47**	**0.063**	**0.0051 J**	**0.077**	**0.65**	0.0061 B
Benzaldehyde	mg/kg	120,000	0.071 R	**0.021 J**	**0.039 J**	0.072 R	0.073 R	0.075 R	**0.06 J**	0.076 U	0.074 U	**0.055 J**	**0.057 J**	0.08 R	**0.021 J**	0.075 R	**0.022 J**	**0.066 J**	0.075 U	0.072 U	**0.1 J**	0.077 R
Benzo[a]pyrene	mg/kg	2.1	**0.14**	**0.28**	**0.4 J**	**0.055 J**	**0.084 J**	**1.1 J**	**2.8**	**0.02**	**1.8**	**0.19**	**5 J**	**1.6 J**	**0.91 J**	**0.011 J**	**0.53 J**	**0.042 J**	**0.0021 J**	**0.11**	**0.84**	0.0057 B
Benzo[b]fluoranthene	mg/kg	21	**0.35**	**0.76**	**1.2 J**	**0.15 J**	**0.27 J**	**2.4**	**7.6**	**0.044**	**3.9**	**0.44**	**10.9 J**	**3.2 J**	**2 J**	**0.037 J**	**1.4 J**	**0.15 J**	**0.0072 J**	**0.25**	**1.8**	**0.012**
Benzo[g,h,i]perylene	mg/kg		**0.049**	**0.12**	**0.21 J**	**0.049 J**	**0.064 J**	**0.56 J**	**1.2**	**0.0091**	**0.68**	**0.13**	**1.8 J**	**0.56 J**	**0.34 J**	**0.0051 J**	**0.2 J**	**0.025 J**	**0.0013 J**	**0.061**	**0.49**	**0.0025 J**
Benzo[k]fluoranthene	mg/kg	210	**0.36**	**0.77**	**1.2 J**	**0.14 J**	**0.26 J**	**2.5**	**7.8**	**0.045**	**4**	**0.44**	**11.1 J**	**3.2 J**	**2.1 J**	**0.038 J**	**1.4 J**	**0.15 J**	**0.0074 J**	**0.26**	**1.9**	**0.012**
bis(2-Chloroethyl)ether	mg/kg	1	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.071 U	0.077 U	0.079 U	**0.11 J**	**0.12**	0.018 B	0.076 U	0.076 U	**0.87**	**0.25**	**0.27 J**	0.08 UJ	0.069 B	0.075 U	0.042 B	0.082 U	0.075 U	0.072 U	0.017 B	0.077 U
Caprolactam	mg/kg	400,000	0.18 U	0.19 U	0.2 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.19 U	0.19 U
Carbazole	mg/kg		**0.017 J**	**0.062 J**	**0.046 J**	0.072 U	0.073 U	**0.018 J**	**0.25**	0.076 U	**0.26**	0.077 U	**0.52 J**	**0.15**	**0.071 J**	0.075 U	**0.08**	**0.032 J**	0.075 U	0.072 U	**0.11**	0.077 U
Chrysene	mg/kg	2,100	**0.14**	**0.4**	**0.35**	**0.066**	**0.094**	**1.1**	**3.6**	**0.025**	**1.9**	**0.13**	**5.3**	**1.3**	**0.76**	**0.014**	**0.55**	**0.12**	**0.0041 J**	**0.099**	**0.87**	0.0056 B
Dibenz[a,h]anthracene	mg/kg	2.1	**0.02**	**0.05**	**0.086 J**	**0.016 J**	**0.02 J**	**0.2 J**	**0.49**	0.0075 U	**0.21**	**0.044**	**0.74 J**	**0.23 J**	**0.12 J**	**0.0017 J**	**0.085 J**	**0.01 J**	0.0074 U	**0.022**	**0.18**	0.0077 U
Diethylphthalate	mg/kg	660,000	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
Di-n-butylphthalate	mg/kg	82,000	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
Di-n-octylphthalate	mg/kg	8,200	0.071 U	0.077 U	0.079 U	0.072 UJ	0.073 U	0.075 UJ	**0.044 J**	0.076 U	0.074 U	0.077 U	**0.031 J**	0.08 UJ	0.074 UJ	0.075 U	0.072 UJ	0.082 U	0.075 U	0.072 U	0.076 UJ	0.077 U
Fluoranthene	mg/kg	30,000	**0.32**	**0.88**	**0.58**	**0.084**	**0.15**	**1**	**5.3**	**0.033**	**4.2**	**0.15**	**10**	**4.4**	**1.3**	**0.019**	**0.85**	**0.16**	0.01 B	**0.12**	**1**	0.0073 B
Fluorene	mg/kg	30,000	**0.009**	**0.022**	**0.014**	**0.0061 J**	**0.0082**	**0.0069 J**	**0.14**	**0.0013 J**	**0.035**	**0.004 J**	**0.23**	**0.42**	**0.056**	**0.0024 J**	**0.028**	**0.025**	0.0028 B	0.0021 B	**0.044**	0.0077 U
Hexachloroethane	mg/kg	8	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.055**	**0.14**	**0.19 J**	**0.033 J**	**0.047 J**	**0.39 J**	**1.2**	**0.0066 J**	**0.65**	**0.097**	**2 J**	**0.56 J**	**0.33 J**	**0.0045 J**	**0.21 J**	**0.016 J**	**0.00096 J**	**0.054**	**0.47**	**0.0025 J**
Naphthalene	mg/kg	17	**0.11**	**0.33**	**0.15**	**0.087**	**0.15**	**0.078**	**0.17**	**0.0028 J**	**0.05**	**0.032**	**1.6**	**0.1**	**0.41**	**0.046**	**0.27**	**0.24**	0.0023 B	0.015 B	**0.37**	**0.0025 J**
N-Nitrosodiphenylamine	mg/kg	470	0.071 U	0.077 U	0.079 U	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	0.077 U	0.077 U	0.08 U	0.074 U	0.075 U	0.072 U	0.082 U	0.075 U	0.072 U	0.076 U	0.077 U
Pentachlorophenol	mg/kg	4	0.18 R	0.19 R	0.2 U	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ	0.2 UJ	0.19 UJ	0.19 UJ	0.18 UJ	0.2 UJ	0.19 U	0.18 U	0.19 U	0.19 UJ
Phenanthrene	mg/kg		**0.25**	**0.74**	**0.21**	**0.047**	**0.075**	**0.27**	**3.3**	**0.015**	**2.3**	**0.097**	**5.4**	**3.8**	**0.76**	**0.019**	**0.54**	**0.53**	0.012 B	0.048 B	**0.62**	0.0034 B
Phenol	mg/kg	250,000	**0.16 J**	0.077 R	**0.033 J**	0.072 U	0.073 U	0.075 U	0.076 U	0.076 U	0.074 U	**0.069 J**	**0.059 J**	0.08 U	0.074 U	0.075 U	**0.018 J**	**0.065 J**	0.075 U	0.072 U	**0.027 J**	0.077 U
Pyrene	mg/kg	23,000	**0.27**	**0.75**	**0.55**	**0.069**	**0.13**	**1.4**	**6.3**	**0.033**	**4.8**	**0.14**	**11.1**	**3.5**	**1.3**	**0.019**	**0.84**	**0.15**	0.01 B	**0.12**	**1**	0.0061 B
PCBs																						
Aroclor 1242	mg/kg	0.97	0.0543 U	0.0546 U	N/A	0.05 U	0.0549 U	N/A	0.0587 U	N/A	0.0545 U	N/A	**0.353**	N/A	0.0535 U	N/A	0.0565 U	N/A	0.056 U	N/A	0.0571 U	N/A
Aroclor 1248	mg/kg	0.94	0.0543 U	0.0546 U	N/A	0.05 U	0.0549 U	N/A	0.0587 U	N/A	0.0545 U	N/A	0.0574 U	N/A	0.0535 U	N/A	0.0565 U	N/A	0.056 U	N/A	0.0571 U	N/A
Aroclor 1254	mg/kg	0.97	0.0543 U	0.0546 U	N/A	**0.16**	0.0549 U	N/A	0.0587 U	N/A	**0.284**	N/A	**0.477 J**	N/A	**0.211**	N/A	0.0565 U	N/A	0.056 U	N/A	0.0571 U	N/A
Aroclor 1260	mg/kg	0.99	0.0543 U	0.0546 U	N/A	0.05 U	**0.0542 J**	N/A	0.0587 U	N/A	**0.0527 J**	N/A	0.0574 U	N/A	**0.963**	N/A	**0.0325 J**	N/A	0.056 U	N/A	0.0571 U	N/A
Aroclor 1262	mg/kg		0.0543 U	0.0546 U	N/A	0.05 U	0.0549 U	N/A	0.0587 U	N/A	0.0545 U	N/A	**0.342**	N/A	0.0535 U	N/A	0.0565 U	N/A	0.056 U	N/A	0.0571 U	N/A
Aroclor 1268	mg/kg		0.0543 U	0.0546 U	N/A	0.05 U	0.0549 U	N/A	0.0587 U	N/A	0.0545 U	N/A	0.0574 U	N/A	0.0535 U	N/A	0.0565 U	N/A	0.056 U	N/A	0.0571 U	N/A
PCBs (total)	mg/kg	0.97	0.0543 U	0.0546 U	N/A	**0.16**	**0.0542 J**	N/A	0.0587 U	N/A	**0.3367**	N/A	**1.172**	N/A	**1.174**	N/A	**0.0325 J**	N/A	0.056 U	N/A	0.0571 U	N/A
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**189**	**80.1**	**64.9**	**144**	**80.2**	**229**	**713**	**9.1**	**217**	**87.7**	**348**	**74.8**	**97.1**	**10.5**	**81.4**	**28.6**	**19.8**	**37.5**	**149**	4.4 B
Gasoline Range Organics	mg/kg	6,200	8.7 U	5.9 U	12.7 U	9.1 U	9.8 U	10.3 U	**10.4 J**	9.6 U	11.4 U	13.2 U	11.8 U	18.5 U	10.2 U	9.7 U	11.5 U	15.2 U	10.3 U	9.7 U	16.3 U	11.3 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-137-SB-1*	B1-137-SB-5*	B1-138-SB-1	B1-138-SB-7.5	B1-139-SB-1	B1-139-SB-5	B1-140-SB-1*	B1-140-SB-5*	B1-141-SB-1*	B1-142-SB-1*	B1-142-SB-5*	B1-143-SB-1	B1-143-SB-4.5	B1-144-SB-1	B1-144-SB-5	B1-145-SB-1*	B1-145-SB-8.5*	B1-146-SB-1	B1-146-SB-5	B1-147-SB-1
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
1,2-Dichloroethane	mg/kg	2	0.0053 U	0.012 U	**0.0022 J**	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
2-Butanone (MEK)	mg/kg	190,000	0.011 U	0.023 U	0.012 U	0.01 U	0.012 U	0.016 U	0.014 U	0.0095 U	0.011 U	0.014 U	**0.0057 J**	0.01 U	0.012 U	0.01 U	0.01 U	**0.0035 J**	**0.0059 J**	0.011 U	0.026 U	0.01 U
2-Hexanone	mg/kg	1,300	0.011 U	0.023 U	0.012 U	0.01 U	0.012 U	0.016 U	0.014 U	0.0095 U	0.011 U	0.014 U	0.01 U	0.01 U	0.012 U	0.01 U	0.01 U	0.01 U	0.0092 U	0.011 U	0.026 U	0.01 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.011 U	0.023 U	0.012 U	0.01 U	0.012 U	0.016 U	0.014 U	0.0095 U	0.011 U	0.014 U	0.01 U	0.01 U	0.012 U	0.01 U	0.01 U	0.01 U	0.0092 U	0.011 U	0.026 U	0.01 U
Acetone	mg/kg	670,000	**0.013**	0.023 U	**0.0074 J**	**0.02**	0.012 U	**0.019**	0.014 U	**0.017**	0.011 U	0.014 U	**0.11**	**0.0092 J**	**0.0066 J**	0.01 UJ	0.0053 B	**0.022**	**0.043**	0.011 U	**0.12**	0.01 U
Benzene	mg/kg	5.1	0.0053 U	0.012 U	0.0059 U	**0.029**	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	**0.0021 J**	**0.0046 J**	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Carbon disulfide	mg/kg	3,500	0.0053 U	0.012 U	0.0059 UJ	0.005 UJ	0.0059 UJ	0.0081 UJ	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Carbon tetrachloride	mg/kg	2.9	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 UJ	0.005 U
Chloroform	mg/kg	1.4	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Cyclohexane	mg/kg	27,000	0.011 U	0.023 U	0.012 U	0.01 U	0.012 U	0.016 U	0.014 U	0.0095 U	0.011 U	0.014 U	0.01 U	0.01 U	0.012 U	0.01 U	0.01 U	0.01 U	0.0092 U	0.011 U	0.026 U	0.01 U
Ethylbenzene	mg/kg	25	0.0053 U	0.012 U	0.0059 U	**0.0081**	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Isopropylbenzene	mg/kg	9,900	0.0053 U	0.012 U	0.0059 UJ	0.005 UJ	0.0059 UJ	0.0081 UJ	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Methyl Acetate	mg/kg	1,200,000	0.053 U	0.12 U	0.059 U	0.05 U	0.059 U	0.081 U	0.069 U	0.048 U	0.054 U	0.07 U	0.051 U	0.051 U	0.059 U	0.052 U	0.051 U	0.05 U	0.046 U	0.055 U	0.13 U	0.05 U
Methylene Chloride	mg/kg	1,000	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Tetrachloroethene	mg/kg	100	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Toluene	mg/kg	47,000	0.0053 U	0.012 U	0.0059 U	**0.019**	**0.0018 J**	0.0081 U	**0.0028 J**	**0.0016 J**	0.0054 U	0.007 U	**0.0072**	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.003 B	0.015 B	0.005 U
Trichloroethene	mg/kg	6	0.0053 U	0.012 U	0.0059 U	0.005 U	0.0059 U	0.0081 U	0.0069 U	0.0048 U	0.0054 U	0.007 U	0.0051 U	0.0051 U	0.0059 U	0.0052 U	0.0051 U	0.005 U	0.0046 U	0.0055 U	0.013 U	0.005 U
Xylenes	mg/kg	2,800	0.016 U	0.035 U	0.018 U	**0.0077 J**	0.018 U	0.024 U	0.021 U	0.014 U	0.016 U	0.021 U	0.015 U	0.015 U	0.018 U	0.015 U	0.015 U	0.015 U	0.014 U	0.017 U	0.039 U	0.015 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	0.072 U	0.079 U	**0.036 J**	**0.087**	**0.063 J**	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	**0.89 J**	**0.027 J**	**0.03 J**	**0.03 J**	0.075 U	**0.16 J**	0.11 U	0.072 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 R	0.072 R
2,4,6-Trichlorophenol	mg/kg	210	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 R	0.072 R
2,4-Dimethylphenol	mg/kg	16,000	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 R	0.072 R
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 R	0.19 UJ	0.19 U	0.19 U	0.2 U	0.19 U	0.18 UJ	0.27 R	0.18 R
2,4-Dinitrotoluene	mg/kg	7.4	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 U	0.072 U
2-Chloronaphthalene	mg/kg	60,000	0.072 U	0.079 U	**0.079**	**0.085**	0.073 U	**0.1**	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 U	0.072 U
2-Chlorophenol	mg/kg	5,800	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 R	0.072 R
2-Methylnaphthalene	mg/kg	3,000	**0.043**	**0.01**	**0.2**	**0.78**	**0.31**	**0.052**	**0.013**	**0.022**	**0.061**	**0.065**	0.0079 U	**0.0042 J**	**14**	**0.12**	**0.089**	**0.052**	**0.012**	**0.1**	0.011 U	**0.0043 J**
2-Methylphenol	mg/kg	41,000	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 R	0.072 R
2-Nitroaniline	mg/kg	8,000	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.18 U	0.27 U	0.18 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.14 U	0.16 U	**0.026 J**	**0.02 J**	0.15 U	**0.029 J**	0.15 U	0.16 U	0.15 U	0.14 U	0.16 U	0.14 R	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.22 R	0.14 R
3,3'-Dichlorobenzidine	mg/kg	5.1	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 UJ	0.075 UJ	0.075 UJ	0.079 U	0.075 U	0.073 UJ	0.11 U	0.072 U
4-Chloroaniline	mg/kg	11	0.072 U	0.079 U	0.072 UJ	0.074 UJ	0.073 UJ	0.077 UJ	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 U	0.072 U
4-Nitroaniline	mg/kg	110	0.18 U	0.2 U	0.18 UJ	0.19 UJ	0.18 UJ	0.19 UJ	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.18 UJ	0.27 U	0.18 U
Acenaphthene	mg/kg	45,000	0.0076 B	0.0078 U	**0.011**	**0.046**	**0.061**	**0.005 J**	**0.00088 J**	**0.009**	**0.0036 J**	**0.0032 J**	0.0079 U	0.0072 U	**0.14**	**0.013**	**0.0072 J**	**0.015**	**0.0046 J**	**0.25**	0.011 U	0.0073 U
Acenaphthylene	mg/kg	45,000	**0.069**	**0.0081**	**0.1**	**0.36**	**0.11**	**0.09**	**0.0034 J**	**0.015**	**0.044**	**0.011**	0.0079 U	**0.002 J**	**0.084**	**0.13**	**0.12**	**0.015**	**0.0084**	**0.11**	0.011 U	**0.0015 J**
Acetophenone	mg/kg	120,000	0.072 U	0.079 U	0.072 U	**0.073 J**	**0.042 J**	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	**0.09 J**	**0.028 J**	**0.055 J**	0.079 U	0.075 U	**0.2 J**	0.11 U	0.072 U
Anthracene	mg/kg	230,000	**0.075**	0.0067 B	**0.083**	**1**	**0.29**	**0.047**	0.004 B	**0.041**	**0.046**	**0.016**	0.0079 U	**0.0029 J**	**0.28**	**0.17**	**0.13**	**0.071**	**0.02**	**0.66**	0.011 U	**0.0027 J**
Benz[a]anthracene	mg/kg	21	**0.45**	**0.034**	**0.29**	**3.2**	**0.87**	**0.032**	0.0096 B	**0.1**	**0.096**	**0.043**	0.0079 U	**0.013**	**0.25**	**0.45**	**0.45**	**0.14**	**0.048**	**2.7**	0.011 U	**0.0084**
Benzaldehyde	mg/kg	120,000	0.072 U	0.079 U	**0.071 J**	**0.077**	**0.052 J**	**0.034 J**	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	**0.13 J**	**0.023 J**	**0.032 J**	**0.02 J**	0.075 U	**0.093 J**	0.11 R	0.072 R
Benzo[a]pyrene	mg/kg	2.1	**0.52**	**0.04**	**0.45**	**3.6**	**0.81 J**	**0.022 J**	**0.011**	**0.12**	**0.14**	**0.054**	0.0079 U	**0.012 J**	**0.21**	**0.59 J**	**0.47**	**0.24**	**0.038**	**2.5**	**0.0015 J**	**0.0049 J**
Benzo[b]fluoranthene	mg/kg	21	**1.2**	**0.085**	**1.3**	**6.8**	**1.2**	**0.056 J**	**0.027**	**0.25**	**0.43**	**0.17**	**0.001 J**	**0.044 J**	**0.56**	**2.2 J**	**1.2**	**0.47**	**0.15**	**6.1**	**0.003 J**	**0.03 J**
Benzo[g,h,i]perylene	mg/kg		**0.15**	**0.02**	**0.23**	**2.7**	**0.24 J**	**0.01 J**	**0.0062 J**	**0.071**	**0.067**	**0.019**	0.0079 U	**0.0045 J**	**0.11**	**0.24 J**	**0.35**	**0.058**	**0.045**	**0.85**	0.011 U	**0.0042 J**
Benzo[k]fluoranthene	mg/kg	210	**1.2**	**0.087**	**0.38**	**6**	**0.59 J**	**0.049 J**	**0.027**	**0.25**	**0.43**	**0.17**	**0.00099 J**	**0.045 J**	**0.54**	**2.1 J**	**1.2**	**0.48**	**0.16**	**5.9**	**0.0029 J**	**0.024 J**
bis(2-Chloroethyl)ether	mg/kg	1	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 UJ	0.072 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.072 U	0.079 U	0.072 U	0.074 U	**0.017 J**	0.077 U	0.073 U	0.081 U	0.074 U	**0.015 J**	0.079 U	0.071 U	0.016 B	0.075 UJ	0.075 UJ	**0.66**	**0.021 J**	0.073 UJ	0.11 U	0.072 U
Caprolactam	mg/kg	400,000	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.18 UJ	0.27 UJ	0.18 U
Carbazole	mg/kg		**0.039 J**	0.079 U	**0.033 J**	**0.47**	**0.18**	**0.02 J**	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	**0.074 J**	**0.047 J**	**0.065 J**	**0.023 J**	0.075 U	**0.25 J**	0.11 U	0.072 U
Chrysene	mg/kg	2,100	**0.48**	**0.034**	**0.47**	**3.1**	**0.96**	**0.071**	0.012 B	**0.12**	**0.14**	**0.062**	0.0079 U	**0.023**	**0.35**	**0.53**	**0.58**	**0.26**	**0.089**	**2.5**	**0.0016 J**	**0.01**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.075**	**0.0068 J**	**0.1**	**0.68 J**	**0.1 J**	**0.0035 J**	**0.0018 J**	**0.025**	**0.03**	**0.0067 J**	0.0079 U	**0.0014 J**	**0.062**	**0.11 J**	**0.14**	**0.016**	**0.015**	**0.44**	0.011 U	0.0073 UJ
Diethylphthalate	mg/kg	660,000	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 U	0.072 U
Di-n-butylphthalate	mg/kg	82,000	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	**0.044 J**	0.11 U	0.072 U
Di-n-ocytlphthalate	mg/kg	8,200	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 UJ	0.075 UJ	0.075 UJ	0.079 U	0.075 U	0.073 UJ	0.11 U	0.072 U
Fluoranthene	mg/kg	30,000	**0.63**	**0.043**	**0.43**	**5.1**	**1.2**	**0.062**	0.018 B	**0.24**	**0.15**	**0.078**	0.0079 U	**0.037**	**0.59**	**0.82**	**0.78**	**0.29**	**0.1**	**5.8**	**0.0026 J**	**0.018**
Fluorene	mg/kg	30,000	0.0049 B	0.0013 B	**0.012**	**0.42**	**0.075**	**0.016**	0.0012 B	**0.014**	0.0034 B	**0.003 J**	0.0079 U	0.0072 U	**0.1**	**0.016**	**0.014**	**0.015**	**0.0063 J**	**0.17**	0.011 U	**0.00078 J**
Hexachloroethane	mg/kg	8	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	0.073 U	0.11 U	0.072 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.18**	**0.021**	**0.25**	**2.6**	**0.28 J**	**0.0064 J**	**0.0057 J**	**0.062**	**0.066**	**0.02**	0.0079 U	**0.0046 J**	**0.12**	**0.24 J**	**0.36**	**0.053**	**0.041**	**0.95**	0.011 U	**0.0037 J**
Naphthalene	mg/kg	17	**0.043**	0.0088 B	**0.21**	**1.6**	**0.24**	**0.17**	**0.011**	**0.022**	**0.049**	**0.054**	0.0079 U	**0.006 J**	**6.1**	**0.11**	**0.093**	**0.067**	**0.015**	**0.21**	0.011 U	0.0037 B
N-Nitrosodiphenylamine	mg/kg	470	0.072 U	0.079 U	0.072 U	0.074 U	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 U	0.075 U	0.075 U	0.075 U	**0.019 J**	0.075 U	0.073 U	0.11 U	0.072 U
Pentachlorophenol	mg/kg	4	0.18 U	0.2 U	0.18 U	0.19 U	0.18 U	0.19 U	0.18 U	0.2 U	0.19 U	0.18 U	0.2 U	0.18 R	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.18 UJ	0.27 R	0.18 R
Phenanthrene	mg/kg		**0.16**	0.017 B	**0.3**	**3.3**	**1.3**	**0.26**	0.014 B	**0.12**	**0.081**	**0.063**	0.0079 U	**0.016**	**2.9**	**0.26**	**0.36**	**0.19**	**0.057**	**2.1**	**0.0017 J**	**0.012**
Phenol	mg/kg	250,000	0.072 U	0.079 U	**0.022 J**	**0.021 J**	0.073 U	0.077 U	0.073 U	0.081 U	0.074 U	0.071 U	0.079 U	0.071 R	0.075 U	0.075 U	0.075 U	0.079 U	0.075 U	**0.021 J**	0.11 R	0.072 R
Pyrene	mg/kg	23,000	**0.63**	**0.037**	**0.41**	**3.6**	**1.3**	**0.064**	0.017 B	**0.23**	**0.15**	**0.076**	0.0079 U	**0.024**	**0.45**	**0.79**	**0.66**	**0.33**	**0.086**	**5.1**	**0.002 J**	**0.016**
PCBs																						
Aroclor 1242	mg/kg	0.97	0.108 U	N/A	0.0516 U	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	0.0522 U	N/A	0.0543 U	N/A	0.0564 U	N/A	0.0697 U	N/A	0.0549 U	N/A	0.0556 U
Aroclor 1248	mg/kg	0.94	0.108 U	N/A	0.0516 U	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	0.0522 U	N/A	0.0543 U	N/A	0.0564 U	N/A	0.0697 U	N/A	0.0549 U	N/A	0.0556 U
Aroclor 1254	mg/kg	0.97	**3.74**	N/A	0.0516 U	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	0.0522 U	N/A	0.0543 U	N/A	0.0564 U	N/A	**0.403**	N/A	**1.01**	N/A	0.0556 U
Aroclor 1260	mg/kg	0.99	0.108 U	N/A	**0.0427 J**	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	**0.0504 J**	N/A	0.0543 U	N/A	**0.162**	N/A	**0.705**	N/A	**0.318**	N/A	0.0556 U
Aroclor 1262	mg/kg		0.108 U	N/A	0.0516 U	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	0.0522 U	N/A	**0.165**	N/A	0.0564 U	N/A	0.0697 U	N/A	0.0549 U	N/A	0.0556 U
Aroclor 1268	mg/kg		0.108 U	N/A	0.0516 U	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	0.0522 U	N/A	0.0543 U	N/A	0.0564 U	N/A	0.0697 U	N/A	0.0549 U	N/A	0.0556 U
PCBs (total)	mg/kg	0.97	**3.74**	N/A	**0.0427 J**	N/A	0.0575 U	N/A	0.0531 U	N/A	0.0595 U	**0.0504 J**	N/A	**0.165**	N/A	**0.162**	N/A	**1.108**	N/A	**1.328**	N/A	0.0556 U
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**49.5**	**4.8 J**	**63.3**	**135**	**76.1**	**69**	16.8 B	**51.6**	75.8 B	**73.1**	**5.6 J**	**15.7**	**515**	**89.7**	**54.4**	**981**	**162**	**163 J**	**9.6 J**	**31.9**
Gasoline Range Organics	mg/kg	6,200	10 U	24 U	15.7 U	**121**	10.5 U	22.4 U	14.3 U	11.1 U	12.5 U	11.2 U	10.5 U	12.5 U	12.4 U	12.2 U	11.4 U	11 U	9.2 U	13.4 U	16.6 U	10 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-147-SB-5	B1-148-SB-1*	B1-149-SB-1*	B1-150-SB-1	B1-150-SB-8	B1-151-SB-1	B1-151-SB-5	B1-152-SB-1*	B1-152-SB-4*	B1-153-SB-1*	B1-153-SB-5*	B1-154-SB-1	B1-154-SB-5	B1-155-SB-1	B1-155-SB-5	B1-156-SB-1*	B1-156-SB-7*	B1-157-SB-1	B1-157-SB-8	B1-158-SB-1*
Volatile Organic Compounds																						
1,1,1-Trichloroethane	mg/kg	36,000	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
1,2-Dichloroethane	mg/kg	2	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
2-Butanone (MEK)	mg/kg	190,000	0.0066 U	0.0098 U	0.0093 U	0.013 UJ	0.0095 UJ	0.011 UJ	0.023 U	0.012 U	0.011 U	0.015 U	0.014 U	0.0089 U	0.0098 U	0.019 U	0.016 U	0.013 U	**0.0051 J**	0.01 U	0.013 U	0.011 U
2-Hexanone	mg/kg	1,300	0.0066 U	0.0098 U	0.0093 U	0.013 U	0.0095 U	0.011 U	0.023 U	0.012 U	0.011 U	0.015 U	0.014 U	0.0089 U	0.0098 U	0.019 U	0.016 U	0.013 U	0.0096 U	0.01 U	0.013 U	0.011 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0066 U	0.0098 U	0.0093 U	0.013 U	0.0095 U	0.011 U	0.023 U	0.012 U	0.011 U	0.015 U	0.014 U	0.0089 U	0.0098 U	0.019 U	0.016 U	0.013 U	0.0096 U	0.01 U	0.013 U	0.011 U
Acetone	mg/kg	670,000	0.0095 B	**0.0073 J**	0.0093 U	0.013 U	0.0095 U	0.011 U	0.023 U	0.012 U	0.011 U	0.015 U	0.014 U	**0.055**	**0.14**	0.019 U	**0.0098 J**	**0.013**	**0.012**	**0.0055 J**	0.013 U	0.011 U
Benzene	mg/kg	5.1	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Carbon disulfide	mg/kg	3,500	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Carbon tetrachloride	mg/kg	2.9	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Chloroform	mg/kg	1.4	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Cyclohexane	mg/kg	27,000	0.0066 U	0.0098 U	0.0093 U	0.013 U	0.0095 U	0.011 U	0.023 U	0.012 U	0.011 U	0.015 U	0.014 U	0.0089 U	0.0098 U	0.019 U	0.016 U	0.013 U	0.0096 U	0.01 U	0.013 U	0.011 U
Ethylbenzene	mg/kg	25	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	**0.0023 J**	0.005 U	0.0064 U	0.0056 U
Isopropylbenzene	mg/kg	9,900	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Methyl Acetate	mg/kg	1,200,000	0.033 U	0.049 U	0.047 U	0.065 U	0.048 U	0.055 U	0.12 U	0.062 U	0.056 U	0.075 U	0.071 U	0.044 U	0.049 U	0.094 U	0.079 U	0.065 U	0.048 U	0.05 U	0.064 U	0.056 U
Methylene Chloride	mg/kg	1,000	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	**0.0059 J**	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Tetrachloroethene	mg/kg	100	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Toluene	mg/kg	47,000	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	**0.0035 J**	0.0065 U	**0.0043 J**	0.005 U	0.0064 U	0.0056 U
Trichloroethene	mg/kg	6	0.0033 U	0.0049 U	0.0047 U	0.0065 U	0.0048 U	0.0055 U	0.012 U	0.0062 U	0.0056 U	0.0075 U	0.0071 U	0.0044 U	0.0049 U	0.0094 U	0.0079 U	0.0065 U	0.0048 U	0.005 U	0.0064 U	0.0056 U
Xylenes	mg/kg	2,800	0.0098 U	0.015 U	0.014 U	0.02 U	0.014 U	0.017 U	0.035 U	0.019 U	0.017 U	0.022 U	0.021 U	0.013 U	0.015 U	0.028 U	0.024 U	0.019 U	0.014 U	0.015 U	0.019 U	0.017 U
Semi-Volatile Organic Compounds^																						
1,1-Biphenyl	mg/kg	200	**0.02 J**	0.073 U	0.074 U	0.072 U	0.082 U	**0.064 J**	0.1 U	0.071 U	**0.016 J**	0.075 U	0.082 U	0.073 U	**0.74**	0.075 U	**0.17**	0.074 U	0.079 U	**0.031 J**	0.079 U	0.076 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 R	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
2,4,6-Trichlorophenol	mg/kg	210	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 R	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
2,4-Dimethylphenol	mg/kg	16,000	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 R	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	**0.035 J**	0.074 U	0.079 U	**0.015 J**	0.079 U	0.076 U
2,4-Dinitrophenol	mg/kg	1,600	0.17 R	0.18 U	0.19 U	0.18 UJ	0.21 UJ	0.19 UJ	0.25 R	0.18 U	0.18 U	0.19 U	0.21 U	0.18 R	0.18 R	0.19 UJ	0.2 UJ	0.19 U	0.2 U	0.19 R	0.2 UJ	0.19 U
2,4-Dinitrotoluene	mg/kg	7.4	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 UJ	0.079 U	0.076 U
2-Chloronaphthalene	mg/kg	60,000	**0.017 J**	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
2-Chlorophenol	mg/kg	5,800	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 R	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
2-Methylnaphthalene	mg/kg	3,000	**0.025**	**0.0017 J**	**0.051**	**0.019 J**	**0.013**	**0.17**	**0.0032 J**	**0.038**	**0.12**	**0.038**	**0.0042 J**	**0.013**	**0.23**	**0.1**	**2.1**	**0.048 J**	**0.065 J**	**0.3 J**	**0.0055 J**	0.0077 U
2-Methylphenol	mg/kg	41,000	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 R	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	**0.02 J**	0.074 U	0.079 U	0.074 UJ	0.079 U	0.076 U
2-Nitroaniline	mg/kg	8,000	0.17 U	0.18 U	0.19 U	0.18 U	0.21 U	0.19 U	0.25 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.13 U	0.15 U	0.15 U	0.14 U	0.16 U	0.15 U	0.2 R	0.14 U	0.15 U	0.15 U	0.16 U	0.14 R	0.14 R	0.15 U	**0.03 J**	0.15 U	0.16 U	**0.023 J**	0.16 U	0.15 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.067 UJ	0.073 U	0.074 U	0.072 UJ	0.082 U	0.074 UJ	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 UJ	0.075 U	0.081 UJ	0.074 U	0.079 U	0.074 UJ	0.079 U	0.076 U
4-Chloroaniline	mg/kg	11	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
4-Nitroaniline	mg/kg	110	0.17 UJ	0.18 U	0.19 U	0.18 U	0.21 U	0.19 U	0.25 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 UJ	0.2 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.0011 J**	0.0075 U	**0.019**	**0.015 J**	**0.0019 J**	**0.35**	0.01 U	**0.0032 J**	**0.46**	**0.0074 J**	**0.0053 J**	0.0074 U	**0.33**	**0.017**	**0.061**	0.0069 B	0.03 B	**0.028**	**0.0027 J**	0.0077 U
Acenaphthylene	mg/kg	45,000	**0.019**	0.0075 U	**0.039**	0.073 U	**0.00091 J**	**0.24**	**0.0012 J**	**0.018**	**0.028**	**0.027**	**0.032**	0.0014 B	**0.12**	**0.092**	**0.11**	**0.092**	**0.34**	**0.32 J**	**0.032**	0.0077 U
Acetophenone	mg/kg	120,000	0.067 U	0.073 U	**0.019 J**	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	**0.13**	0.074 U	0.079 U	**0.035 J**	0.079 U	0.076 U
Anthracene	mg/kg	230,000	**0.013**	0.0075 U	**0.15**	**0.036 J**	**0.0052 J**	**2.6**	**0.0044 J**	**0.019**	**0.6**	**0.066**	**0.033**	**0.0082**	**4.5**	**0.11**	**0.14**	**0.33**	**0.38**	**0.3**	**0.018**	0.0056 B
Benz[a]anthracene	mg/kg	21	**0.038**	**0.0021 J**	**0.7**	**0.082**	**0.0092**	**7**	**0.01**	**0.11**	**3.7**	**0.39**	**0.18**	**0.027**	**1.9**	**0.26**	**0.33**	**0.25**	**1**	**0.68**	**0.1**	**0.11**
Benzaldehyde	mg/kg	120,000	0.067 R	0.073 U	**0.026 J**	0.072 U	0.082 U	**0.029 J**	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	0.081 U	**0.017 J**	0.079 U	**0.032 J**	0.079 U	0.076 U
Benzo[a]pyrene	mg/kg	2.1	**0.053 J**	0.0028 B	**1.1**	**0.09 J**	**0.0073 J**	**7.2 J**	**0.008 J**	**0.12**	**5.5**	**0.4**	**0.27**	**0.041**	**0.71**	**0.24 J**	**0.23 J**	**0.31**	**1.2**	**1.1 J**	**0.077 J**	**0.079**
Benzo[b]fluoranthene	mg/kg	21	**0.17 J**	**0.0076**	**2.7**	**0.49 J**	**0.028 J**	**21.2 J**	**0.031 J**	**0.34**	**9.3**	**0.92**	**0.54**	**0.08**	**2.3 J**	**1.3 J**	**0.71 J**	**0.66**	**2**	**3.1**	**0.43 J**	**0.21**
Benzo[g,h,i]perylene	mg/kg		**0.026 J**	**0.0027 J**	**0.45**	**0.062 J**	**0.003 J**	**4.2 J**	**0.0072 J**	**0.066**	**4.6**	**0.15**	**0.14**	**0.022**	**0.24**	**0.11 J**	**0.12 J**	**0.27**	**0.57**	**0.83 J**	**0.096 J**	**0.035**
Benzo[k]fluoranthene	mg/kg	210	**0.14 J**	**0.0076**	**2.7**	**0.47 J**	**0.025 J**	**18.6 J**	**0.028 J**	**0.34**	**9.6**	**0.93**	**0.55**	**0.077**	**2.1 J**	**1.1 J**	**0.62 J**	**0.68**	**2**	**2.7**	**0.38 J**	**0.22**
bis(2-Chloroethyl)ether	mg/kg	1	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.067 UJ	0.073 U	**0.72**	0.072 UJ	0.082 U	0.074 UJ	0.1 U	0.071 U	0.073 U	**0.074 J**	0.082 U	0.073 U	0.07 UJ	**0.11**	0.081 UJ	**0.27**	0.079 U	0.042 B	0.079 U	0.076 U
Caprolactam	mg/kg	400,000	0.17 U	0.18 U	0.19 U	0.18 U	0.21 U	0.19 U	0.25 U	0.18 U	0.18 U	0.19 U	0.21 U	0.18 U	0.18 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 UJ	0.2 U	0.19 U
Carbazole	mg/kg		0.067 U	0.073 U	**0.089**	**0.023 J**	0.082 U	**0.79**	0.1 U	0.071 U	**0.25**	0.075 U	0.082 U	0.073 U	**6.2**	**0.033 J**	**0.074 J**	**0.019 J**	**0.07 J**	**0.069 J**	0.079 U	0.076 U
Chrysene	mg/kg	2,100	**0.046 J**	**0.0022 J**	**0.79**	**0.15**	**0.0099**	**6.5**	**0.0092 J**	**0.12**	**4.5**	**0.38**	**0.18**	**0.072**	**2.2**	**0.39**	**0.4**	**0.3**	**1**	**0.86**	**0.14**	**0.12**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.0079 J**	0.0075 U	**0.18**	0.073 UJ	0.0082 UJ	**1.6 J**	0.01 UJ	**0.02**	**0.9**	**0.073**	**0.054**	**0.0073 J**	**0.11**	**0.046 J**	**0.065 J**	**0.076**	**0.22**	**0.31 J**	**0.033 J**	**0.015**
Diethylphthalate	mg/kg	660,000	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
Di-n-butylphthalate	mg/kg	82,000	0.067 U	0.073 U	0.074 U	0.072 UJ	0.082 U	**0.022 J**	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
Di-n-ocytlphthalate	mg/kg	8,200	0.067 UJ	0.073 U	0.074 U	0.072 UJ	0.082 U	0.074 UJ	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 UJ	0.075 U	0.081 UJ	0.074 U	0.079 U	0.074 UJ	0.079 U	0.076 U
Fluoranthene	mg/kg	30,000	**0.069**	0.0053 B	**1.2**	**0.18**	**0.022**	**14**	**0.022**	**0.17**	**6.3**	**0.51**	**0.23**	**0.088**	**8.2**	**0.62**	**0.64**	**0.51**	**2.1**	**1**	**0.14**	**0.14**
Fluorene	mg/kg	30,000	**0.0018 J**	0.0075 U	**0.018**	**0.018 J**	**0.0036 J**	**0.19**	**0.0013 J**	**0.0037 J**	**0.2**	0.0062 B	**0.0062 J**	**0.0012 J**	**0.24**	**0.021**	**0.067**	0.025 B	0.058 B	**0.02**	**0.0025 J**	0.0077 U
Hexachloroethane	mg/kg	8	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.023 J**	**0.0021 J**	**0.47**	**0.033 J**	**0.0026 J**	**4.3 J**	**0.0043 J**	**0.056**	**3.9**	**0.17**	**0.15**	**0.012**	**0.29**	**0.1 J**	**0.11 J**	**0.24**	**0.56**	**0.84 J**	**0.1 J**	**0.036**
Naphthalene	mg/kg	17	**0.029**	**0.0016 J**	**0.044**	**0.022 J**	**0.0096**	**0.37**	**0.0037 J**	**0.026**	**0.28**	**0.044**	**0.0062 J**	**0.0099**	**0.18**	**0.2**	**1.6**	0.07 B	0.11 B	**0.27 J**	**0.01**	0.0013 B
N-Nitrosodiphenylamine	mg/kg	470	0.067 U	0.073 U	0.074 U	0.072 UJ	0.082 U	0.074 U	0.1 U	0.071 U	0.073 U	0.075 U	0.082 U	0.073 U	0.07 U	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
Pentachlorophenol	mg/kg	4	0.17 U	0.18 U	0.19 U	0.18 UJ	0.21 U	0.19 U	0.25 R	0.18 U	0.18 U	0.19 U	0.21 U	0.18 R	0.18 R	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U
Phenanthrene	mg/kg		**0.047**	**0.0046 J**	**0.5**	**0.17**	**0.022**	**7.9**	**0.02**	**0.086**	**2.9**	**0.15**	**0.086**	**0.082**	**10.5**	**0.66**	**1.6**	0.25 B	**0.66**	**0.52**	**0.073**	0.014 B
Phenol	mg/kg	250,000	0.067 U	0.073 U	0.074 U	0.072 U	0.082 U	0.074 U	0.1 R	0.071 U	0.073 U	0.075 U	0.082 U	0.073 R	0.07 R	0.075 U	0.081 U	0.074 U	0.079 U	0.074 U	0.079 U	0.076 U
Pyrene	mg/kg	23,000	**0.062**	**0.0036 J**	**1.2**	**0.16**	**0.016**	**10.9**	**0.017**	**0.15**	**6.1**	**0.52**	**0.22**	**0.1**	**5.5**	**0.53**	**0.53**	**0.51**	**2.6**	**0.97**	**0.091**	**0.15**
PCBs																						
Aroclor 1242	mg/kg	0.97	N/A	0.0539 U	0.055 U	0.0528 U	N/A	0.0565 U	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	0.0545 U	N/A	0.0529 U	N/A	0.0559 U	N/A	0.058 U
Aroclor 1248	mg/kg	0.94	N/A	0.0539 U	0.055 U	0.0528 U	N/A	0.0565 U	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	0.0545 U	N/A	0.0529 U	N/A	0.0559 U	N/A	0.058 U
Aroclor 1254	mg/kg	0.97	N/A	0.0539 U	0.055 U	0.0528 U	N/A	**0.0786**	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	0.0545 U	N/A	0.0529 U	N/A	0.0559 U	N/A	0.058 U
Aroclor 1260	mg/kg	0.99	N/A	0.0539 U	0.055 U	0.0528 U	N/A	0.0565 U	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	**0.0364 J**	N/A	0.0529 U	N/A	**0.17**	N/A	0.058 U
Aroclor 1262	mg/kg		N/A	0.0539 U	0.055 U	0.0528 U	N/A	**0.0619**	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	0.0545 U	N/A	**1.72**	N/A	0.0559 U	N/A	0.058 U
Aroclor 1268	mg/kg		N/A	0.0539 U	**2.23**	0.0528 U	N/A	0.0565 U	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	0.0545 U	N/A	**1**	N/A	0.0559 U	N/A	0.058 U
PCBs (total)	mg/kg	0.97	N/A	0.0539 U	**2.23**	0.0528 U	N/A	**0.1405**	N/A	0.0545 U	N/A	0.0558 U	N/A	0.0541 U	N/A	**0.0364 J**	N/A	**2.72**	N/A	**0.17**	N/A	0.058 U
TPH/Oil and Grease																						
Diesel Range Organics	mg/kg	6,200	**20.5**	4.2 B	**133**	**1,360**	**10.3**	**164**	**9.4 J**	**45.5**	**58.1**	86.8 B	**13.6**	**46.7**	**258**	**46.4**	**227**	**145**	**191**	**117 J**	**24.2**	**8**
Gasoline Range Organics	mg/kg	6,200	7.6 U	9.3 U	10.6 U	12.1 U	10.4 U	11.6 U	24 U	13.1 U	11.4 U	13.3 U	13.3 U	11.3 U	11.5 U	20.1 U	16.7 U	10.8 U	12.4 U	11 U	13.3 U	14.1 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-158-SB-4.5*	B1-159-SB-1	B1-159-SB-5	B1-160-SB-1	B1-160-SB-5	B1-161-SB-1	B1-162-SB-1	B1-162-SB-4	B1-163-SB-1	B1-163-SB-4	B1-163-SB-10	B1-164-SB-1	B1-164-SB-4	B1-165-SB-1	B1-165-SB-9.5	B1-166-SB-9	B1-167-SB-1	B1-167-SB-5	B1-168-SB-1	B1-168-SB-5	B1-169-SB-1
Volatile Organic Compounds																							
1,1,1-Trichloroethane	mg/kg	36,000	0.0047 U	**0.0023 J**	**0.13**	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	**0.054**	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
1,2-Dichloroethane	mg/kg	2	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
2-Butanone (MEK)	mg/kg	190,000	0.0093 U	0.011 U	0.023 U	0.0097 U	0.012 U	0.011 U	0.0096 UJ	0.011 UJ	0.0065 UJ	0.012 UJ	N/A	0.012 UJ	0.013 UJ	0.016 U	0.013 U	0.016 U	0.0098 U	0.016 U	0.0098 U	0.015 U	0.0086 U
2-Hexanone	mg/kg	1,300	0.0093 U	0.011 U	0.023 U	0.0097 U	0.012 U	0.011 U	0.0096 U	0.011 U	0.0065 U	0.012 U	N/A	0.012 U	0.013 U	0.016 U	0.013 U	0.016 U	0.0098 U	0.016 U	0.0098 U	0.015 U	0.0086 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.0093 U	0.011 U	0.023 U	0.0097 U	0.012 U	0.011 U	0.0096 U	0.011 U	0.0065 U	0.012 U	N/A	0.012 U	0.013 U	0.016 U	0.013 U	0.016 U	0.0098 U	0.016 U	0.0098 U	0.015 U	0.0086 U
Acetone	mg/kg	670,000	**0.0052 J**	0.011 U	0.014 B	0.013 B	0.012 U	0.011 U	0.0096 U	0.011 U	0.0065 U	0.012 U	N/A	0.012 U	0.013 U	0.016 UJ	0.013 UJ	0.013 B	0.0098 UJ	0.016 UJ	0.0098 UJ	**0.0082 J**	0.0086 UJ
Benzene	mg/kg	5.1	0.0047 U	**0.0023 J**	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	**0.0058 J**	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Carbon disulfide	mg/kg	3,500	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 UJ	0.0043 U
Carbon tetrachloride	mg/kg	2.9	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Chloroform	mg/kg	1.4	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Cyclohexane	mg/kg	27,000	0.0093 U	0.011 U	0.023 U	0.0097 U	0.012 U	0.011 U	0.0096 U	0.011 U	0.0065 U	0.012 U	N/A	0.012 U	0.013 U	0.016 U	0.013 U	0.016 U	0.0098 U	0.016 U	0.0098 U	0.015 U	0.0086 U
Ethylbenzene	mg/kg	25	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Isopropylbenzene	mg/kg	9,900	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Methyl Acetate	mg/kg	1,200,000	0.047 U	0.054 U	0.11 U	0.049 U	0.062 U	0.057 U	0.048 U	0.054 U	0.033 U	0.062 U	N/A	0.062 U	0.065 U	0.08 U	0.064 U	0.08 U	0.049 U	0.078 U	0.049 U	0.077 U	**0.023 J**
Methylene Chloride	mg/kg	1,000	0.0047 U	0.0054 U	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 UJ	0.0043 U
Tetrachloroethene	mg/kg	100	0.0047 U	0.0054 U	**0.0072 J**	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	0.008 U	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Toluene	mg/kg	47,000	0.0047 U	**0.0019 J**	0.011 U	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	**0.01**	**0.003 J**	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Trichloroethene	mg/kg	6	0.0047 U	0.0054 U	**0.014**	0.0049 U	0.0062 U	0.0057 U	0.0048 U	0.0054 U	0.0033 U	0.0062 U	N/A	0.0062 U	0.0065 U	**0.031**	0.0064 U	0.008 U	0.0049 U	0.0078 U	0.0049 U	0.0077 U	0.0043 U
Xylenes	mg/kg	2,800	0.014 U	0.016 U	0.034 U	0.015 U	0.019 U	0.017 U	0.014 U	0.016 U	0.0098 U	0.019 U	N/A	0.019 U	0.02 U	0.024 U	0.019 U	0.024 U	0.015 U	0.023 U	0.015 U	0.023 U	0.013 U
Semi-Volatile Organic Compounds^																							
1,1-Biphenyl	mg/kg	200	0.073 U	**0.95**	0.091 U	**0.38 J**	0.074 U	**0.08 J**	0.073 U	0.079 U	0.069 U	**0.3 J**	N/A	0.077 U	**0.028 J**	**0.26 J**	0.073 U	0.09 U	0.093 U	0.45 U	0.074 U	0.078 U	0.072 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.073 U	0.077 U	0.091 UJ	0.075 U	0.074 UJ	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 UJ	0.093 U	0.09 R	0.074 U	0.078 U	0.072 U
2,4,6-Trichlorophenol	mg/kg	210	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 UJ	0.093 U	0.45 R	0.074 U	0.078 U	0.072 U
2,4-Dimethylphenol	mg/kg	16,000	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	**0.029 J**	N/A	0.077 U	0.087 U	**0.026 J**	0.073 U	0.09 UJ	0.093 U	**0.047 J**	0.074 U	0.078 U	0.072 U
2,4-Dinitrophenol	mg/kg	1,600	0.18 U	0.19 UJ	0.23 UJ	0.19 UJ	0.19 UJ	0.18 UJ	0.18 U	0.2 U	0.17 U	0.18 R	N/A	0.19 U	0.22 U	0.19 U	0.18 U	0.23 UJ	0.23 U	1.1 U	0.19 UJ	0.2 UJ	0.18 UJ
2,4-Dinitrotoluene	mg/kg	7.4	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 U	0.093 U	0.45 U	0.074 U	0.078 U	0.072 U
2-Chloronaphthalene	mg/kg	60,000	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	**0.019 J**	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 U	0.093 U	0.45 U	0.074 U	0.078 U	0.072 U
2-Chlorophenol	mg/kg	5,800	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 UJ	0.093 U	0.09 R	0.074 U	0.078 U	0.072 U
2-Methylnaphthalene	mg/kg	3,000	0.0073 U	**0.35**	**0.0018 J**	**0.12**	**0.073**	**0.073**	**0.033**	**0.033**	**0.015**	**0.55**	**0.023**	**0.017**	**0.44 J**	**0.64**	**0.0038 J**	**0.013**	**0.19**	**0.57**	**0.14**	**0.33**	**0.032**
2-Methylphenol	mg/kg	41,000	0.073 U	**0.016 J**	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 UJ	0.093 U	0.09 R	0.074 U	0.078 U	0.072 U
2-Nitroaniline	mg/kg	8,000	0.18 U	0.19 U	0.23 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.17 U	0.18 U	N/A	0.19 U	0.22 U	0.19 U	0.18 U	0.23 U	0.23 U	1.1 U	0.19 U	0.2 U	0.18 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.15 U	**0.038 J**	0.18 U	0.15 U	0.15 U	0.14 U	0.15 U	0.16 U	0.14 U	**0.028 J**	N/A	0.15 U	0.17 U	**0.045 J**	0.14 U	0.18 UJ	0.19 U	0.18 R	0.15 U	0.16 U	0.14 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.073 U	0.077 UJ	0.091 UJ	**0.071 J**	0.074 UJ	0.071 UJ	0.073 UJ	0.079 U	0.069 U	0.071 UJ	N/A	0.077 UJ	0.087 UJ	0.076 UJ	0.073 U	0.09 U	0.093 UJ	0.09 U	0.074 UJ	0.078 UJ	0.072 U
4-Chloroaniline	mg/kg	11	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 U	0.093 U	0.09 U	0.074 U	0.078 U	0.072 U
4-Nitroaniline	mg/kg	110	0.18 U	0.19 U	0.23 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.17 U	0.18 UJ	N/A	0.19 UJ	0.22 U	0.19 U	0.18 U	0.23 U	0.23 U	1.1 U	0.19 U	0.2 U	0.18 U
Acenaphthene	mg/kg	45,000	0.0013 B	**0.14**	0.0092 U	**0.031**	**0.0019 J**	**0.035**	**0.0076**	**0.0044 J**	**0.0046 J**	**0.64**	0.0084 U	**0.008**	**0.0088**	**0.8**	**0.0013 J**	**0.0023 J**	**0.012 J**	**1.5**	**0.0073 J**	**0.0069 J**	**0.003 J**
Acenaphthylene	mg/kg	45,000	0.0073 U	**0.63**	0.0092 U	**0.14**	**0.0099**	**0.22**	**0.15**	**0.011**	**0.012**	**0.04 J**	0.0084 U	**0.092**	**0.025**	**0.24**	**0.0033 J**	**0.0018 J**	**0.061 J**	**0.078**	**0.051 J**	**0.018**	**0.014**
Acetophenone	mg/kg	120,000	0.073 U	**0.1**	0.091 U	**0.066 J**	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	**0.049 J**	0.073 U	0.09 U	0.093 U	0.09 U	0.074 U	0.078 U	0.072 U
Anthracene	mg/kg	230,000	0.0056 B	**1.1**	0.0092 U	**0.23**	**0.013**	**0.32**	**0.15**	**0.079**	**0.038**	**2.2**	0.0084 U	**0.1**	**0.07**	**4.5**	**0.012**	**0.0069 J**	**0.08 J**	**2.2**	**0.069 J**	**0.053**	**0.022**
Benz[a]anthracene	mg/kg	21	**0.0036 J**	**2.4**	0.0092 U	**0.64**	**0.029**	**0.79**	**0.27**	**0.29**	**0.17**	**3**	**0.0027 J**	**0.32**	**0.31**	**4.6**	**0.041**	**0.013**	**0.24 J**	**3.4**	**0.1**	**0.13**	**0.083**
Benzaldehyde	mg/kg	120,000	0.073 U	**0.055 J**	0.091 R	**0.046 J**	0.074 R	0.071 R	**0.03 J**	0.079 U	0.069 U	**0.02 J**	N/A	0.077 U	0.087 U	**0.044 J**	0.073 R	0.09 R	0.093 R	0.09 R	0.074 R	0.078 R	0.072 R
Benzo[a]pyrene	mg/kg	2.1	**0.0026 J**	2.3 J	0.0092 U	**0.7 J**	**0.026 J**	**0.77**	**0.26 J**	**0.24 J**	**0.14 J**	2.7 J	**0.0014 J**	**0.5 J**	**0.31 J**	4.5	**0.034 J**	**0.008 J**	**0.21 J**	3.1	**0.12**	**0.08**	**0.13**
Benzo[b]fluoranthene	mg/kg	21	**0.011**	**4.8 J**	0.0021 B	**1.1 J**	**0.089 J**	**1.8**	**0.84 J**	**0.7 J**	**0.32 J**	**5.6 J**	**0.0034 J**	**1.1 J**	**0.9 J**	**9.6**	**0.096 J**	**0.027 J**	**0.66 J**	**5.1**	**0.39**	**0.24**	**0.34**
Benzo[g,h,i]perylene	mg/kg		**0.0028 J**	**1.3 J**	0.0092 U	**0.32 J**	**0.0098 J**	**0.46**	**0.15 J**	**0.072 J**	**0.03 J**	**0.59 J**	**0.0014 J**	**0.15 J**	**0.17 J**	**1.5**	**0.02 J**	**0.0064 J**	**0.15 J**	**1.5**	**0.062 J**	**0.04**	**0.052**
Benzo[k]fluoranthene	mg/kg	210	**0.011**	**4.9 J**	**0.0022 J**	**1.2 J**	**0.09 J**	**1.9**	**0.26 J**	**0.62 J**	**0.28 J**	**4.9 J**	**0.0034 J**	**0.34 J**	**0.79 J**	**9.1**	**0.092 J**	**0.025 J**	**0.67 J**	**5.2**	**0.39**	**0.25**	**0.35**
bis(2-Chloroethyl)ether	mg/kg	1	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 U	0.093 U	0.09 U	0.074 U	0.078 U	0.072 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.073 U	**0.39 J**	0.091 U	**0.5 J**	0.074 U	**0.13 J**	**0.14 J**	0.079 U	0.069 U	0.071 UJ	N/A	0.068 B	0.087 UJ	0.076 UJ	0.073 UJ	0.09 UJ	0.093 UJ	0.09 UJ	0.033 B	0.037 B	0.072 U
Caprolactam	mg/kg	400,000	0.18 U	0.19 U	0.23 U	0.19 U	0.19 U	0.18 U	0.18 U	0.2 U	0.17 U	0.18 U	N/A	0.19 U	0.22 U	0.19 U	0.18 U	0.23 U	0.23 U	0.22 U	0.19 U	0.2 U	0.18 U
Carbazole	mg/kg		0.073 U	**0.42**	0.091 U	**0.14 J**	0.074 U	**0.034 J**	0.073 U	**0.024 J**	**0.017 J**	**1.3 J**	N/A	**0.02 J**	**0.1**	**2.1**	0.073 U	0.09 U	**0.043 J**	0.45 U	0.074 U	0.078 U	0.072 U
Chrysene	mg/kg	2,100	**0.0061 J**	**2.5**	0.00088 B	**0.68**	**0.05**	**0.81**	**0.32**	**0.3**	**0.19**	**3**	**0.0019 J**	**0.34**	**0.41**	**5.5**	**0.035**	**0.015**	**0.36 J**	**3.7**	**0.15**	**0.22**	**0.11**
Dibenz[a,h]anthracene	mg/kg	2.1	0.0073 U	**0.49 J**	0.0092 U	**0.1 J**	**0.0045 J**	**0.16**	**0.065 J**	**0.045 J**	**0.012 J**	**0.18 J**	0.0084 U	**0.066 J**	**0.07 J**	**0.78 J**	0.0072 UJ	0.0091 UJ	**0.062 J**	**0.47**	**0.019 J**	**0.019**	**0.021**
Diethylphthalate	mg/kg	660,000	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 U	0.093 U	0.45 U	0.074 U	0.078 U	0.072 U
Di-n-butylphthalate	mg/kg	82,000	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	**0.018 J**	0.087 U	0.076 UJ	0.073 U	0.09 U	0.093 U	0.45 U	0.074 U	0.078 U	0.072 U
Di-n-ocytlphthalate	mg/kg	8,200	0.073 U	0.077 UJ	0.091 U	**0.065 J**	0.074 U	0.071 UJ	0.073 UJ	0.079 U	0.069 U	0.071 UJ	N/A	0.077 UJ	0.087 UJ	0.076 UJ	0.073 UJ	0.09 UJ	0.093 UJ	0.09 UJ	0.074 UJ	0.078 UJ	0.072 U
Fluoranthene	mg/kg	30,000	0.014 B	**4.8**	0.0012 B	**1.1**	**0.064**	**2.3**	**0.31**	**0.44**	**0.31**	**8.6**	**0.0026 J**	**0.5**	**0.65 J**	**13.1**	**0.091**	**0.03**	**0.65 J**	**9.1**	**0.15**	**0.19**	**0.13**
Fluorene	mg/kg	30,000	0.0035 B	**0.21**	0.0092 U	**0.042**	**0.0028 J**	**0.086**	**0.0088**	**0.0079 J**	**0.0066 J**	**0.67**	0.0084 U	**0.01**	**0.0075 J**	**0.66**	**0.002 J**	**0.0031 J**	**0.012 J**	**1.2**	**0.0075 J**	**0.011**	**0.0022 J**
Hexachloroethane	mg/kg	8	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 U	0.093 U	0.09 U	0.074 U	0.078 U	0.072 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.0022 J**	**1.3 J**	0.0092 U	**0.29 J**	**0.0093 J**	**0.44**	**0.16 J**	**0.091 J**	**0.031 J**	**0.58 J**	0.0084 U	**0.18 J**	**0.17 J**	**1.1**	**0.015 J**	0.0091 UJ	**0.15 J**	**1.3**	**0.063 J**	**0.029**	**0.056**
Naphthalene	mg/kg	17	0.0019 B	**1.1**	**0.0068 J**	**0.44**	**0.06**	**0.23**	**0.057**	**0.045**	**0.017**	**0.79**	**0.029**	**0.023**	**0.22 J**	**0.68**	**0.0041 J**	**0.032**	**0.23 J**	**0.33**	**0.11**	**0.24**	**0.026**
N-Nitrosodiphenylamine	mg/kg	470	0.073 U	0.077 U	0.091 U	0.075 U	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 UJ	0.073 U	0.09 U	0.093 U	0.45 U	0.074 U	0.078 U	0.072 U
Pentachlorophenol	mg/kg	4	0.18 U	0.19 UJ	0.23 UJ	0.19 UJ	0.19 UJ	0.18 UJ	0.18 U	0.2 U	0.17 U	0.18 U	N/A	0.19 U	0.22 U	0.19 UJ	0.18 U	0.23 UJ	0.23 U	1.1 R	0.19 U	0.2 U	0.18 U
Phenanthrene	mg/kg		0.016 B	**2.5**	0.0016 B	**0.7**	**0.081**	**1.4**	**0.15**	**0.29**	**0.18**	**11.1**	**0.0022 J**	**0.21**	**0.66 J**	**10.9**	**0.047**	**0.042**	**0.54 J**	**11.7**	**0.12**	**0.51**	**0.053**
Phenol	mg/kg	250,000	0.073 U	**0.064 J**	0.091 U	**0.063 J**	0.074 U	0.071 U	0.073 U	0.079 U	0.069 U	0.071 U	N/A	0.077 U	0.087 U	0.076 U	0.073 U	0.09 UJ	0.093 U	0.09 R	0.074 U	0.078 U	0.072 U
Pyrene	mg/kg	23,000	0.0089 B	**4.9**	0.0012 B	**1.1**	**0.051**	**2.3**	**0.33**	**0.32**	**0.36**	**7.9**	**0.0027 J**	**0.66**	**0.67 J**	**14**	**0.092**	**0.027**	**0.55 J**	**10.4**	**0.18**	**0.21**	**0.14**
PCBs																							
Aroclor 1242	mg/kg	0.97	N/A	**0.186 J**	N/A	**0.112 J**	N/A	0.0543 U	0.0564 U	N/A	0.0538 U	N/A	N/A	0.0564 U	N/A	0.0546 U	N/A	N/A	0.0574 U	N/A	0.0614 U	N/A	0.0593 U
Aroclor 1248	mg/kg	0.94	N/A	0.0574 U	N/A	0.054 U	N/A	0.0543 U	0.0564 U	N/A	0.0538 U	N/A	N/A	**0.51**	N/A	0.0546 U	N/A	N/A	0.0574 U	N/A	0.0614 U	N/A	0.0593 U
Aroclor 1254	mg/kg	0.97	N/A	**0.638 J**	N/A	**0.245 J**	N/A	0.0543 U	0.0564 U	N/A	0.0538 U	N/A	N/A	0.0564 U	N/A	0.0546 U	N/A	N/A	0.0574 U	N/A	0.0614 U	N/A	0.0593 U
Aroclor 1260	mg/kg	0.99	N/A	0.0574 U	N/A	0.054 U	N/A	**0.279**	**0.0764**	N/A	**0.601**	N/A	N/A	1.08	N/A	0.0546 U	N/A	N/A	2.15	N/A	0.0614 U	N/A	0.0593 U
Aroclor 1262	mg/kg		N/A	**0.438**	N/A	**0.501**	N/A	0.0543 U	0.0564 U	N/A	0.0538 U	N/A	N/A	0.0564 U	N/A	0.0546 U	N/A	N/A	0.0574 U	N/A	0.0614 U	N/A	0.0593 U
Aroclor 1268	mg/kg		N/A	0.0574 U	N/A	0.054 U	N/A	0.0543 U	0.0564 U	N/A	0.0538 U	N/A	N/A	0.0564 U	N/A	0.0546 U	N/A	N/A	0.0574 U	N/A	0.0614 U	N/A	0.0593 U
PCBs (total)	mg/kg	0.97	N/A	1.262	N/A	**0.858**	N/A	**0.279**	**0.0764**	N/A	**0.601**	N/A	N/A	1.59	N/A	0.0546 U	N/A	N/A	2.15	N/A	0.0614 U	N/A	0.0593 U
TPH/Oil and Grease																							
Diesel Range Organics	mg/kg	6,200	**6.6 J**	**280**	**11.2**	**194**	**25.7**	**103**	**48**	**37.3**	**21.7**	**662**	**4.7 J**	**63.7**	**99.2 J**	**494 J**	**12.7**	**15.3**	**253**	**1,880**	**51.7**	**120**	**23.5**
Gasoline Range Organics	mg/kg	6,200	9 U	14.3 U	22.8 U	10.2 U	12.5 U	11.8 U	11.4 U	10.6 U	6.2 U	9.2 U	N/A	12.7 U	17.9 U	12.7 U	15.3 U	11.8 U	11 U	18.4 U	11.9 U	**15.9 J**	13.4 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-169-SB-5	B1-170-SB-1	B1-171-SB-1*	B1-172-SB-1*	B1-172-SB-4*	B1-172-SB-10*	B1-173-SB-1*	B1-173-SB-8*	B1-174-SB-1	B1-174-SB-4	B1-175-SB-1*	B1-175-SB-7.5*	B1-176-SB-1*	B1-176-SB-4*
Volatile Organic Compounds																
1,1,1-Trichloroethane	mg/kg	36,000	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
1,2-Dichlorobenzene	mg/kg	9,300	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
1,2-Dichloroethane	mg/kg	2	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
2-Butanone (MEK)	mg/kg	190,000	0.019 U	0.014 U	0.016 U	0.011 U	**0.02**	N/A	0.014 U	0.028 U	0.014 U	0.015 U	0.013 U	0.013 U	0.01 U	0.012 U
2-Hexanone	mg/kg	1,300	0.019 U	0.014 U	0.016 U	0.011 U	**0.0095 J**	N/A	0.014 U	0.028 U	0.014 U	0.015 U	0.013 U	0.013 U	0.01 U	0.012 U
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.019 U	0.014 U	0.016 U	0.011 U	**0.012**	N/A	0.014 U	0.028 U	0.014 U	0.015 U	0.013 U	0.013 U	0.01 U	0.012 U
Acetone	mg/kg	670,000	**0.01 J**	**0.02 J**	0.016 U	0.011 U	**0.079**	N/A	**0.018**	0.028 U	0.014 U	0.015 U	0.013 U	**0.02**	**0.0059 J**	**0.0064 J**
Benzene	mg/kg	5.1	0.0096 U	0.0069 U	0.0079 U	0.0056 U	**0.0054**	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Carbon disulfide	mg/kg	3,500	0.0096 U	0.0069 U	0.0079 U	0.0056 U	**0.016**	N/A	**0.01**	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Carbon tetrachloride	mg/kg	2.9	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Chloroform	mg/kg	1.4	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Cyclohexane	mg/kg	27,000	0.019 U	0.014 U	0.016 U	0.011 U	0.011 U	N/A	0.014 U	0.028 U	0.014 U	0.015 U	0.013 U	0.013 U	0.01 U	0.012 U
Ethylbenzene	mg/kg	25	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Isopropylbenzene	mg/kg	9,900	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Methyl Acetate	mg/kg	1,200,000	0.096 U	0.069 U	0.079 U	0.056 U	0.053 U	N/A	0.069 U	0.14 U	0.069 U	0.077 U	0.064 U	0.063 U	0.051 U	0.062 U
Methylene Chloride	mg/kg	1,000	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Tetrachloroethene	mg/kg	100	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Toluene	mg/kg	47,000	0.0096 U	0.0069 U	0.0079 U	0.0056 U	**0.002 J**	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	**0.002 J**
Trichloroethene	mg/kg	6	0.0096 U	0.0069 U	0.0079 U	0.0056 U	0.0053 U	N/A	0.0069 U	0.014 U	0.0069 U	0.0077 U	0.0064 U	0.0063 U	0.0051 U	0.0062 U
Xylenes	mg/kg	2,800	0.029 U	0.021 U	0.024 U	0.017 U	0.016 U	N/A	0.021 U	0.042 U	0.021 U	0.023 U	0.019 U	0.019 U	0.015 U	0.018 U
Semi-Volatile Organic Compounds^																
1,1-Biphenyl	mg/kg	200	**0.035 J**	0.07 U	0.076 U	**0.24**	**0.05 J**	N/A	0.071 U	0.11 U	0.073 U	**0.2 J**	**0.026 J**	**0.017 J**	**0.018 J**	**0.13**
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
2,4,6-Trichlorophenol	mg/kg	210	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
2,4-Dimethylphenol	mg/kg	16,000	0.082 U	0.07 U	0.076 U	**0.019 J**	**0.023 J**	N/A	0.071 U	0.11 U	0.073 U	**0.048 J**	0.074 U	0.079 U	0.072 U	**0.037 J**
2,4-Dinitrophenol	mg/kg	1,600	0.21 UJ	0.17 UJ	0.19 U	0.19 U	0.2 U	N/A	0.18 U	0.27 U	0.18 UJ	0.19 U	0.19 U	0.2 U	0.18 U	0.19 U
2,4-Dinitrotoluene	mg/kg	7.4	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
2-Chloronaphthalene	mg/kg	60,000	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	**0.032 J**	**0.079**	0.079 U	0.072 U	0.075 U
2-Chlorophenol	mg/kg	5,800	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
2-Methylnaphthalene	mg/kg	3,000	**0.029**	**0.016**	**0.021 J**	**0.38**	**0.065 J**	N/A	**0.03 J**	**0.036**	0.074 U	**0.63**	**0.046**	**0.093**	**0.058**	**0.39**
2-Methylphenol	mg/kg	41,000	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	**0.025 J**	0.074 U	0.079 U	0.072 U	**0.027 J**
2-Nitroaniline	mg/kg	8,000	0.21 U	0.17 U	0.19 U	0.19 U	0.2 U	N/A	0.18 U	0.27 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	0.16 U	0.14 U	0.15 U	**0.023 J**	**0.031 J**	N/A	0.14 U	0.22 U	0.15 U	**0.065 J**	0.15 U	0.16 U	0.14 U	**0.055 J**
3,3'-Dichlorobenzidine	mg/kg	5.1	0.082 U	0.07 UJ	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 UJ	0.075 UJ	0.074 U	0.079 U	0.072 U	0.075 U
4-Chloroaniline	mg/kg	11	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
4-Nitroaniline	mg/kg	110	0.21 U	0.17 U	0.19 U	0.19 U	0.2 U	N/A	0.18 U	0.27 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.19 U
Acenaphthene	mg/kg	45,000	0.0083 U	**0.0073**	0.075 U	**0.14**	**0.036 J**	N/A	**0.014 J**	**0.083**	0.074 U	**0.24**	**0.039**	**0.087**	**0.19**	**1**
Acenaphthylene	mg/kg	45,000	**0.033**	**0.0073**	**0.017 J**	**0.41**	**0.0088 J**	N/A	**0.062 J**	**0.029**	0.074 U	**0.15**	**0.025**	**0.03**	**0.035**	**0.62**
Acetophenone	mg/kg	120,000	0.082 U	0.07 U	0.076 U	**0.092**	**0.072 J**	N/A	0.071 U	0.11 U	0.073 U	**0.1 J**	0.074 U	**0.02 J**	0.072 U	**0.062 J**
Anthracene	mg/kg	230,000	**0.008 J**	**0.027**	**0.034 J**	**0.86**	**0.053 J**	N/A	**0.15**	**0.2**	0.074 U	**0.98**	**0.13**	**0.16**	**0.6**	**4.3**
Benz[a]anthracene	mg/kg	21	**0.013**	**0.064**	**0.061 J**	**3.4**	**0.11**	N/A	**0.22**	**0.17**	0.074 U	**1.7**	**0.41**	**0.31**	**1.7**	**10.6**
Benzaldehyde	mg/kg	120,000	**0.032 J**	0.07 R	**0.032 J**	**0.088**	**0.049 J**	N/A	0.071 U	0.11 U	0.073 R	**0.3 J**	**0.066 J**	**0.029 J**	0.072 U	**0.13**
Benzo[a]pyrene	mg/kg	2.1	**0.0085**	**0.071 J**	**0.13**	**2.8**	**0.17**	N/A	**0.34**	**0.19**	**0.025 J**	**2 J**	**0.42**	**0.37**	**1.5**	**8.4**
Benzo[b]fluoranthene	mg/kg	21	**0.03**	**0.17 J**	**0.26**	**6.2**	**0.71**	N/A	**0.88**	**0.49**	**0.087 J**	**5.2 J**	**0.83**	**1.2**	**2.6**	**15.5**
Benzo[g,h,i]perylene	mg/kg		**0.0053 J**	**0.028 J**	**0.28**	**0.96**	**0.088**	N/A	**0.12**	**0.063**	0.074 UJ	**0.7 J**	**0.14**	**0.16**	**0.44**	**4.3**
Benzo[k]fluoranthene	mg/kg	210	**0.03**	**0.17 J**	**0.21**	**5.5**	**0.63**	N/A	**0.72**	**0.4**	**0.069 J**	**4.2 J**	**0.85**	**0.95**	**2.7**	**16**
bis(2-Chloroethyl)ether	mg/kg	1	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.082 U	0.07 UJ	0.076 U	**0.46**	**0.86**	N/A	0.071 U	0.11 U	**0.078 J**	0.075 UJ	0.074 U	**0.061 J**	0.072 U	0.075 U
Caprolactam	mg/kg	400,000	0.21 U	0.17 U	0.19 U	0.19 U	0.2 U	N/A	0.18 U	0.27 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.19 U
Carbazole	mg/kg		0.082 U	0.07 U	0.076 U	**0.46**	**0.032 J**	N/A	0.071 U	0.11 U	0.073 U	**0.54 J**	**0.025 J**	**0.084**	**0.25**	**2.6**
Chrysene	mg/kg	2,100	**0.058**	**0.085**	**0.079**	**3.6**	**0.34**	N/A	**0.29**	**0.19**	**0.03 J**	**1.8**	**0.42**	**0.33**	**1.7**	**10.4**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.0044 J**	**0.0092 J**	**0.059 J**	**0.39**	0.077 U	N/A	0.071 U	**0.024**	0.074 UJ	**0.22 J**	**0.063**	**0.074**	**0.22**	**2**
Diethylphthalate	mg/kg	660,000	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
Di-n-butylphthalate	mg/kg	82,000	0.082 U	0.07 U	0.076 U	0.076 U	**0.048 J**	N/A	0.071 U	0.11 U	0.073 U	**0.041 J**	0.074 U	0.079 U	0.072 U	0.075 U
Di-n-ocytlphthalate	mg/kg	8,200	0.082 U	0.07 UJ	0.076 U	0.076 U	**0.18**	N/A	0.071 U	0.11 U	0.073 UJ	0.075 UJ	0.074 U	0.079 U	0.072 U	0.075 U
Fluoranthene	mg/kg	30,000	**0.017**	**0.15**	**0.11**	**5.3**	**0.31**	N/A	**0.3**	**0.4**	**0.016 J**	**5.2**	**0.87**	**0.72**	**3.6**	**22.3**
Fluorene	mg/kg	30,000	**0.0061 J**	**0.0056 J**	**0.0091 J**	**0.14**	**0.12**	N/A	**0.025 J**	**0.071**	0.074 U	**0.24**	**0.031**	**0.074**	**0.15**	**1.2**
Hexachloroethane	mg/kg	8	0.082 U	0.07 U	0.076 U	0.076 U	0.078 U	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.0036 J**	**0.023 J**	**0.051 J**	**1.1**	**0.052 J**	N/A	**0.12**	**0.063**	0.074 UJ	**0.63 J**	**0.15**	**0.16**	**0.52**	**4.5**
Naphthalene	mg/kg	17	**0.064**	**0.013**	**0.014 J**	**0.98**	**0.15**	N/A	**0.013 J**	**0.023**	0.074 U	**0.5**	**0.048**	**0.18**	**0.074**	**0.37**
N-Nitrosodiphenylamine	mg/kg	470	0.082 U	0.07 U	0.076 U	0.076 U	**0.034 J**	N/A	0.071 U	0.11 U	0.073 U	0.075 U	0.074 U	0.079 U	0.072 U	0.075 U
Pentachlorophenol	mg/kg	4	0.21 U	0.17 U	0.19 U	0.19 U	0.2 U	N/A	0.18 U	0.27 U	0.18 U	0.19 U	0.19 U	0.2 U	0.18 U	0.19 U
Phenanthrene	mg/kg		**0.08**	**0.12**	**0.09**	**2.6**	**0.41**	N/A	**0.15**	**0.35**	**0.023 J**	**5.3**	**0.58**	**0.75**	**2.2**	**15.5**
Phenol	mg/kg	250,000	0.082 U	0.07 U	0.076 U	0.076 U	**0.027 J**	N/A	0.071 U	0.11 U	0.073 U	**0.045 J**	0.074 U	0.079 U	0.072 U	**0.037 J**
Pyrene	mg/kg	23,000	**0.022**	**0.15**	**0.16**	**6**	**0.27**	N/A	**0.32**	**0.39**	**0.015 J**	**4.9**	**0.88**	**0.55**	**3.1**	**17.7**
PCBs																
Aroclor 1242	mg/kg	0.97	N/A	0.0529 U	0.0559 U	0.0555 U	0.0585 U	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	0.0543 U	N/A
Aroclor 1248	mg/kg	0.94	N/A	0.0529 U	0.0559 U	**0.139**	**0.0576 J**	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	0.0543 U	N/A
Aroclor 1254	mg/kg	0.97	N/A	0.0529 U	0.0559 U	**0.336**	0.0585 U	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	0.0543 U	N/A
Aroclor 1260	mg/kg	0.99	N/A	0.0529 U	0.0559 U	0.0555 U	**0.0524 J**	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	0.0543 U	N/A
Aroclor 1262	mg/kg		N/A	0.0529 U	0.0559 U	**0.278**	0.0585 U	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	0.0543 U	N/A
Aroclor 1268	mg/kg		N/A	0.0529 U	0.0559 U	0.0555 U	0.0585 U	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	**0.119**	N/A
PCBs (total)	mg/kg	0.97	N/A	0.0529 U	0.0559 U	**0.753**	**0.11**	N/A	0.0521 U	N/A	0.0555 U	N/A	0.0592 U	N/A	**0.119**	N/A
TPH/Oil and Grease																
Diesel Range Organics	mg/kg	6,200	**15.1**	**30.9**	**789**	**304**	**8,000**	**395**	**1,160**	**178**	**275**	**356**	**49.4**	**72.3**	**108**	**538**
Gasoline Range Organics	mg/kg	6,200	22.3 U	14.4 U	14.7 U	13.8 U	9.4 U	9.2 U	12.2 U	34.3 U	**10.8 J**	14.2 U	14 U	15.9 U	13.8 U	14.6 U
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	**4,190**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 5 - Parcel B1
Summary of Organics Detected in Soil

Parameter	Units	PAL	B1-177-SB-1*	B1-177-SB-5*	B1-178-SB-1*	B1-179-SB-1*	B1-179-SB-9*	B1-180-SB-1*	B1-181-SB-1	B1-181-SB-8	B1-182-SB-1*	B1-182-SB-8*	B1-182-SB-10	B1-183-SB-1*	B1-183-SB-8.5*	B1-184-SB-1*
Volatile Organic Compounds																
1,1,1-Trichloroethane	mg/kg	36,000	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
1,2-Dichlorobenzene	mg/kg	9,300	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
1,2-Dichloroethane	mg/kg	2	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	**0.0013 J**	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
2-Butanone (MEK)	mg/kg	190,000	**0.0054 J**	0.017 U	**0.007 J**	0.01 U	0.0093 U	0.012 U	0.011 U	0.018 U	0.009 U	0.013 U	N/A	**0.0029 J**	**0.0058 J**	N/A
2-Hexanone	mg/kg	1,300	0.012 U	0.017 U	0.014 U	0.01 U	0.0093 U	0.012 U	0.011 U	0.018 U	0.009 U	0.013 U	N/A	0.011 U	0.01 U	N/A
4-Methyl-2-pentanone (MIBK)	mg/kg	56,000	0.012 U	0.017 U	0.014 U	0.01 U	0.0093 U	0.012 U	0.011 U	0.018 U	0.009 U	0.013 U	N/A	0.011 U	0.01 U	N/A
Acetone	mg/kg	670,000	**0.033**	**0.013 J**	**0.071**	0.01 U	0.0093 U	**0.011 J**	0.011 U	0.018 U	0.009 U	0.013 U	N/A	**0.0066 J**	**0.0084 J**	N/A
Benzene	mg/kg	5.1	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Carbon disulfide	mg/kg	3,500	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	**0.012**	**0.0041 J**	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Carbon tetrachloride	mg/kg	2.9	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Chloroform	mg/kg	1.4	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Cyclohexane	mg/kg	27,000	0.012 U	0.017 U	0.014 U	0.01 U	0.0093 U	0.012 U	0.011 U	0.018 U	0.009 U	0.013 U	N/A	0.011 U	0.01 U	N/A
Ethylbenzene	mg/kg	25	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Isopropylbenzene	mg/kg	9,900	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Methyl Acetate	mg/kg	1,200,000	0.062 U	0.086 U	0.071 U	0.051 U	0.046 U	0.058 U	0.056 U	0.092 U	0.045 U	0.064 U	N/A	0.054 U	0.051 U	N/A
Methylene Chloride	mg/kg	1,000	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Tetrachloroethene	mg/kg	100	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Toluene	mg/kg	47,000	0.0062 U	0.0086 U	**0.0023 J**	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Trichloroethene	mg/kg	6	0.0062 U	0.0086 U	0.0071 U	0.0051 U	0.0046 U	0.0058 U	0.0056 U	0.0092 U	0.0045 U	0.0064 U	N/A	0.0054 U	0.0051 U	N/A
Xylenes	mg/kg	2,800	0.019 U	0.026 U	0.021 U	0.015 U	0.014 U	**0.0084 J**	0.017 U	0.028 U	0.014 U	0.019 U	N/A	0.016 U	0.015 U	N/A
Semi-Volatile Organic Compounds^																
1,1-Biphenyl	mg/kg	200	**0.064 J**	0.09 U	0.076 U	**0.021 J**	**0.071 J**	0.074 U	**0.2**	0.089 U	**0.015 J**	**0.028 J**	N/A	0.073 U	**0.015 J**	0.078 U
2,3,4,6-Tetrachlorophenol	mg/kg	25,000	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
2,4,6-Trichlorophenol	mg/kg	210	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	**3.6**
2,4-Dimethylphenol	mg/kg	16,000	**0.41**	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
2,4-Dinitrophenol	mg/kg	1,600	0.19 U	0.23 U	0.19 U	0.18 U	0.19 U	0.18 U	0.18 U	0.22 U	0.18 U	0.19 U	N/A	0.18 U	0.19 U	**0.83**
2,4-Dinitrotoluene	mg/kg	7.4	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	**5.7**
2-Chloronaphthalene	mg/kg	60,000	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
2-Chlorophenol	mg/kg	5,800	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	**1.5**
2-Methylnaphthalene	mg/kg	3,000	**0.2**	**0.019**	**0.011**	**0.058**	**0.23**	**0.01**	**0.51**	**0.035**	**0.063**	**0.12**	N/A	**0.035**	**0.057**	0.0078 U
2-Methylphenol	mg/kg	41,000	**0.058 J**	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
2-Nitroaniline	mg/kg	8,000	0.19 U	0.23 U	0.19 U	0.18 U	0.19 U	0.18 U	0.18 U	0.22 U	0.18 U	0.19 U	N/A	0.18 U	0.19 U	0.19 U
3&4-Methylphenol(m&p Cresol)	mg/kg	41,000	**0.33**	0.18 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.18 U	0.14 U	0.15 U	N/A	0.14 U	0.15 U	0.16 U
3,3'-Dichlorobenzidine	mg/kg	5.1	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 UJ	0.089 UJ	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
4-Chloroaniline	mg/kg	11	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
4-Nitroaniline	mg/kg	110	0.19 U	0.23 U	0.19 U	0.18 U	0.19 U	0.18 U	0.18 U	0.22 U	0.18 U	0.19 U	N/A	0.18 U	0.19 U	0.19 U
Acenaphthene	mg/kg	45,000	**0.069**	**0.0045 J**	**0.0022 J**	**0.019**	**0.35**	0.0074 U	**0.29**	**0.019**	**0.0095**	**0.056**	N/A	**0.014**	**0.044**	**0.013**
Acenaphthylene	mg/kg	45,000	**0.035**	**0.012**	**0.0029 J**	**0.58**	**0.5**	**0.0027 J**	**0.6**	**0.016**	**0.025**	**0.084**	N/A	**0.022**	**0.035**	**0.42**
Acetophenone	mg/kg	120,000	0.077 U	0.09 U	**0.041 J**	**0.018 J**	0.074 U	0.074 U	**0.052 J**	0.089 U	0.07 U	**0.021 J**	N/A	0.073 U	0.074 U	0.078 U
Anthracene	mg/kg	230,000	**0.034**	**0.02**	**0.013**	**0.66**	**2.3**	**0.0046 J**	**2.7**	**0.09**	**0.091**	**0.32**	N/A	**0.083**	**0.24**	**0.0018 J**
Benz[a]anthracene	mg/kg	21	**0.092**	**0.1**	**0.014**	**0.95**	**1.9**	**0.029**	**6.9**	**0.15**	**0.25**	**1**	N/A	**0.29**	**0.5**	0.0078 U
Benzaldehyde	mg/kg	120,000	0.077 U	0.09 U	**0.021 J**	**0.017 J**	0.074 U	**0.031 J**	**0.022 J**	**0.064 J**	0.07 U	0.077 U	N/A	**0.018 J**	0.074 U	**0.046 J**
Benzo[a]pyrene	mg/kg	2.1	**0.086**	**0.14**	**0.017**	**1.8**	**1.3**	**0.016**	**6.8 J**	**0.12 J**	**0.21**	**0.96**	**0.7 J**	**0.35**	**0.68**	**0.027**
Benzo[b]fluoranthene	mg/kg	21	**0.25**	**0.35**	**0.068**	**5.2**	**3.4**	**0.033**	**16.2 J**	**0.37 J**	**0.78**	**2.2**	N/A	**0.93**	**1.5**	**0.066**
Benzo[g,h,i]perylene	mg/kg		**0.054**	**0.063**	**0.016**	**0.61**	**0.46**	**0.046**	**2.7 J**	**0.044 J**	**0.091**	**0.58**	N/A	**0.18**	**0.33**	**0.099**
Benzo[k]fluoranthene	mg/kg	210	**0.25**	**0.35**	**0.069**	**5.3**	**3.5**	**0.03**	**13.1 J**	**0.3 J**	**0.63**	**1.9**	N/A	**0.75**	**1.2**	**0.064**
bis(2-Chloroethyl)ether	mg/kg	1	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
bis(2-Ethylhexyl)phthalate	mg/kg	160	0.077 U	0.09 U	**0.094**	**0.21**	**19.1**	0.074 U	**0.83 J**	0.023 B	0.07 U	**0.019 J**	N/A	0.073 U	0.074 U	**6**
Caprolactam	mg/kg	400,000	0.19 U	0.23 U	0.19 U	0.18 U	0.19 U	0.18 U	0.18 U	0.22 U	0.18 U	0.19 U	N/A	0.18 U	0.19 U	0.19 U
Carbazole	mg/kg		**0.022 J**	0.09 U	0.076 U	**0.062 J**	**0.08**	0.074 U	**0.29 J**	**0.043 J**	**0.042 J**	**0.11**	N/A	**0.042 J**	**0.073 J**	0.078 U
Chrysene	mg/kg	2,100	**0.15**	**0.12**	**0.039**	**1.1**	**1.8**	**0.035**	**6.5**	**0.14**	**0.34**	**1**	N/A	**0.32**	**0.47**	**1.2**
Dibenz[a,h]anthracene	mg/kg	2.1	**0.014**	**0.021**	0.0076 U	**0.26**	**0.2**	0.0074 U	**0.87 J**	**0.016 J**	**0.036**	**0.23**	N/A	**0.066**	**0.091**	**0.047**
Diethylphthalate	mg/kg	660,000	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	**3.3**
Di-n-butylphthalate	mg/kg	82,000	**0.022 J**	0.09 U	0.076 U	0.072 U	**12.2**	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	**1.9**
Di-n-ocytlphthalate	mg/kg	8,200	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 UJ	0.089 UJ	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
Fluoranthene	mg/kg	30,000	**0.2**	**0.2**	**0.027**	**1**	**4.8**	**0.018**	**15**	**0.45**	**0.86**	**2**	N/A	**0.49**	**1.3**	**0.0076 J**
Fluorene	mg/kg	30,000	**0.057**	**0.0043 J**	**0.0049 J**	**0.025**	**0.58**	**0.0009 J**	**0.29**	**0.013**	**0.0099**	**0.061**	N/A	**0.0084**	**0.039**	0.0078 U
Hexachloroethane	mg/kg	8	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	**0.046 J**
Indeno[1,2,3-c,d]pyrene	mg/kg	21	**0.039**	**0.058**	**0.0073 J**	**0.69**	**0.53**	**0.0087**	**2.6 J**	**0.04 J**	**0.089**	**0.61**	N/A	**0.17**	**0.29**	**0.89**
Naphthalene	mg/kg	17	**0.1**	**0.017**	**0.015**	**0.053**	**0.25**	**0.0058 J**	**1.1**	**0.059**	**0.057**	**0.11**	N/A	**0.025**	**0.059**	**0.0014 J**
N-Nitrosodiphenylamine	mg/kg	470	0.077 U	0.09 U	0.076 U	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
Pentachlorophenol	mg/kg	4	0.19 U	0.23 U	0.19 U	0.18 U	0.19 U	0.18 U	0.18 U	0.22 U	0.18 U	0.19 U	N/A	0.18 U	0.19 U	0.19 U
Phenanthrene	mg/kg		**0.26**	**0.1**	**0.047**	**0.21**	**2.8**	**0.022**	**9.6**	**0.51**	**0.49**	**1.4**	N/A	**0.36**	**1.4**	**0.0033 J**
Phenol	mg/kg	250,000	**1.1**	0.09 U	**0.041 J**	0.072 U	0.074 U	0.074 U	0.074 U	0.089 U	0.07 U	0.077 U	N/A	0.073 U	0.074 U	0.078 U
Pyrene	mg/kg	23,000	**0.19**	**0.18**	**0.03**	**1.3**	**3.9**	**0.02**	**15.5**	**0.39**	**0.69**	**1.4**	N/A	**0.57**	**1.3**	**0.27**
PCBs																
Aroclor 1242	mg/kg	0.97	0.0576 U	N/A	0.0571 U	0.0542 U	N/A	0.0545 U	0.055 U	N/A	0.0524 U	N/A	N/A	0.0534 U	N/A	0.06 U
Aroclor 1248	mg/kg	0.94	0.0576 U	N/A	0.0571 U	0.0542 U	N/A	0.0545 U	**0.233**	N/A	**0.145**	N/A	N/A	0.0534 U	N/A	**0.833**
Aroclor 1254	mg/kg	0.97	**0.071**	N/A	0.0571 U	**0.0817**	N/A	**0.0238 J**	**0.266**	N/A	0.0524 U	N/A	N/A	0.0534 U	N/A	0.06 U
Aroclor 1260	mg/kg	0.99	0.0576 U	N/A	0.0571 U	0.0542 U	N/A	0.0545 U	**0.275**	N/A	**0.0319 J**	N/A	N/A	0.0534 U	N/A	0.06 U
Aroclor 1262	mg/kg		0.0576 U	N/A	**0.0507 J**	**0.14**	N/A	0.0545 U	0.055 U	N/A	0.0524 U	N/A	N/A	**0.0633**	N/A	0.06 U
Aroclor 1268	mg/kg		0.0576 U	N/A	0.0571 U	0.0542 U	N/A	0.0545 U	0.055 U	N/A	0.0524 U	N/A	N/A	0.0534 U	N/A	0.06 U
PCBs (total)	mg/kg	0.97	**0.071**	N/A	**0.0507 J**	**0.2217**	N/A	**0.0238 J**	**0.774**	N/A	**0.1769**	N/A	N/A	**0.0633**	N/A	**0.833**
TPH/Oil and Grease																
Diesel Range Organics	mg/kg	6,200	**729**	**56.5**	**769**	**218**	**345**	**1,040**	**379**	**72.4**	**98.3**	**85.3**	N/A	**81.7**	**62.9**	N/A
Gasoline Range Organics	mg/kg	6,200	15.1 U	21.3 U	11.1 U	9.4 U	9.4 U	13 U	12.2 U	23.7 U	11.6 U	**11.5 J**	N/A	12.7 U	**7.1 J**	N/A
Oil and Grease	mg/kg	6,200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Detections in bold
Values in red indicate an exceedance of the Project Action Limit (PAL)
^PAH compounds were analyzed via SIM
* indicates non-validated data results

N/A indicates that the parameter was not analyzed for this sample
U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.

B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J: The positive result for this analyte is a quantitative estimate.
R: The result for this analyte is unreliable.

Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-001-SB-1*	B1-001-SB-9*	B1-002-SB-1*	B1-002-SB-9*	B1-003-SB-1	B1-003-SB-5	B1-004-SB-1	B1-004-SB-5	B1-005-SB-1	B1-005-SB-8	B1-006-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**5,300**	**15,600**	**4,270**	**84,800**	**25,900**	**10,700**	**30,700 J**	**19,500 J**	**25,300**	**5,540**	**36,800**
Antimony	mg/kg	470	3.3 U	3 U	2.8 U	3.8 U	2.8 UJ	3.1 U	2.9 U	3.1 U	3.2 U	**307**	3.6 U
Arsenic	mg/kg	3	**4.2**	**5.7**	**5.8**	**3.2**	**4.8**	**27.4**	**3.4**	2.6 U	**3.6 J**	**49.3 J**	3 B
Barium	mg/kg	220,000	**65.7**	**138**	**108**	**650**	**153 J**	**172**	**291**	**163**	**210 J**	**108 J**	**275 J**
Beryllium	mg/kg	2,300	**0.48 J**	**0.83 J**	**0.52 J**	**4.3**	**1.5**	**1.2**	**3.4**	**2.1**	**3.5**	**0.23 J**	**6.4**
Cadmium	mg/kg	980	**1.8**	0.35 B	0.81 B	**0.61 J**	**2.1**	3 B	1.4 B	0.89 B	**0.8 J**	0.73 B	**0.78 J**
Chromium	mg/kg	120,000	**28.8**	**543**	**493**	**909**	**553**	**411**	**544**	**244**	**258**	**1,810**	**83.2**
Chromium VI	mg/kg	6.3	0.31 B	0.31 B	2.2 B	0.36 B	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.31 B	0.41 B	0.62 B
Cobalt	mg/kg	350	**2.4 J**	**37.7**	**7.5**	**8.7**	**10.5 J**	**74.7**	4.8 B	**5.2**	**9.5 J**	**234 J**	**3.3 J**
Copper	mg/kg	47,000	**62.1**	**132**	**48.4**	**31**	**84 J**	**610**	**56.4 J**	**29.4 J**	**139**	**1,820**	**52**
Iron	mg/kg	820,000	**17,100**	**106,000**	**22,800**	**12,600**	**174,000**	**262,000**	**121,000 J**	**51,900 J**	**126,000**	**260,000**	**55,200**
Lead	mg/kg	800	**59.8**	**39.8**	**2,040**	**209**	**93.9 J**	**173**	**37 J**	**35.6 J**	**46.5**	**16,200**	**42.2**
Manganese	mg/kg	26,000	**1,130**	**27,200**	**918**	**6,060**	**20,800**	**8,990**	**16,800**	**6,880**	**6,730**	**6,190**	**4,170**
Mercury	mg/kg	350	0.11 U	**0.0035 J**	**0.023 J**	0.12 U	**0.57 J-**	**0.75 J-**	0.11 U	0.1 U	**0.015 J**	**0.021 J**	**0.0058 J**
Nickel	mg/kg	22,000	**9.5 J**	**282**	**18.5**	**54.2**	**39.2 J**	**314**	**21.3 J**	**18.1 J**	**99.3 J**	**1,970 J**	**28.3 J**
Selenium	mg/kg	5,800	4.4 U	4 U	3.7 U	**5**	3.7 U	4.1 U	3.9 U	4.1 U	4.2 U	3.9 U	4.8 U
Silver	mg/kg	5,800	3.3 U	**0.91 J**	2.8 U	3.8 U	**1.7 J**	**2.4 J**	0.89 B	3.1 U	3.2 U	**4.4**	3.6 U
Thallium	mg/kg	12	11 U	9.9 U	9.2 U	10.1 U	9.3 U	10.3 U	9.7 U	10.2 U	10.6 U	9.7 U	9.7 U
Vanadium	mg/kg	5,800	**37**	**56.4**	**27.5**	**42.3**	**315**	**421**	**333**	**135**	**125 J**	**56.6 J**	**40.7 J**
Zinc	mg/kg	350,000	**232**	**20.4**	**297**	**34.9**	**852 J**	**220**	**272 J**	**219 J**	**221**	**308**	**123**
Other													
Cyanide	mg/kg	150	**0.52 J**	**2.1**	**0.5 J**	**3.4**	**4.5 J-**	**1 J-**	**2.6 J-**	**2.5 J-**	**0.73 J-**	**0.31 J-**	**0.29 J-**

Detections in bold
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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-006-SB-5	B1-007-SB-1*	B1-007-SB-5*	B1-008-SB-1*	B1-008-SB-7.5*	B1-009-SB-1	B1-009-SB-5	B1-010-SB-1	B1-010-SB-5	B1-011-SB-1	B1-011-SB-7
Metals													
Aluminum	mg/kg	1,100,000	**21,900**	**29,400**	**35,400**	**15,900**	**4,670**	**27,500**	**4,740**	**39,000**	**13,100**	**6,300 J**	**12,300 J**
Antimony	mg/kg	470	3.6 UJ	3.3 U	3 U	2.9 U	3.2 U	3.2 UJ	3.1 UJ	2.9 UJ	3.7 UJ	3.2 UJ	3.1 UJ
Arsenic	mg/kg	3	**11.5 J**	2.7 U	**4.6**	**2.6**	**3**	**9 J**	2.6 U	**4.3 J**	**4.6 J**	**6.6 J**	**10.7 J**
Barium	mg/kg	220,000	**270**	**294**	**227**	**209**	**62.8**	**465**	**113**	**427**	**58.3**	**115 J**	**144 J**
Beryllium	mg/kg	2,300	**2.3**	**4.2**	**2**	**2.1**	**0.26 J**	**3**	**0.33 J**	**4.3**	**0.65 J**	1.1 U	0.56 B
Cadmium	mg/kg	980	**1.7 J**	**0.45 J**	**1.1 J**	**0.52 J**	**0.2 J**	**0.57 J**	1.6 U	**0.59 J**	1.9 U	**0.49 J**	1 B
Chromium	mg/kg	120,000	**183 J**	**591**	**145**	**760**	**52**	**75.2 J**	**7 J**	**38.7 J**	**25.2 J**	**1,520 J**	**222 J**
Chromium VI	mg/kg	6.3	0.35 B	0.63 B	0.37 B	0.52 B	0.31 B	0.31 B	0.33 B	0.31 B	0.54 B	1.1 UJ	1.2 UJ
Cobalt	mg/kg	350	**16.1 J**	**4.3 J**	**5.1**	**3.7 J**	**8.1**	**12.3 J**	**4 J**	**6.2 J**	**4.7 J**	**4.7 J**	**16.9**
Copper	mg/kg	47,000	**210 J**	**46.4**	**50.8**	**45.5**	**69.4**	**109 J**	**4.1 J**	**42.9 J**	**13.7 J**	**117 J**	**219 J**
Iron	mg/kg	820,000	**131,000 J**	**171,000**	**18,400**	**201,000**	**51,200**	**73,800 J**	**5,900 J**	**26,400 J**	**23,900 J**	**125,000**	**126,000**
Lead	mg/kg	800	**196 J**	**22.6**	**61.9**	**12.2**	**51.2**	**84.6 J**	**62 J**	**65.9 J**	**27.2 J**	**82.5**	**239**
Manganese	mg/kg	26,000	**2,710**	**14,800**	**2,330**	**16,200**	**748**	**4,920**	**826**	**6,430**	**221**	**32,600**	**18,800**
Mercury	mg/kg	350	**0.053 J**	**0.0032 J**	**0.047 J**	**0.0054 J**	**0.011 J**	**0.03 J**	**0.14**	**0.022 J**	**0.031 J**	**0.084 J-**	**0.063 J-**
Nickel	mg/kg	22,000	**54.1 J**	**26.7**	**27.6**	**30.9**	**21.3**	**76.2 J**	5.4 B	**10 J**	10.7 B	**14.2 J**	**59.3 J**
Selenium	mg/kg	5,800	4.8 U	4.4 U	**3.6 J**	3.8 U	4.3 U	**2.9 J**	4.2 U	**3.6 J**	5 U	4.3 U	4.2 U
Silver	mg/kg	5,800	**0.88 J**	3.3 U	3 U	**1.5 J**	3.2 U	3.2 U	3.1 U	2.9 U	3.7 U	3.2 U	1.6 B
Thallium	mg/kg	12	9.7 U	10.9 U	9.9 U	9.5 U	10.8 U	10.6 U	10.4 U	9.5 U	9.9 U	10.7 UJ	10.4 UJ
Vanadium	mg/kg	5,800	**53.1 J**	**283**	**64.7**	**362**	**30**	**111 J**	**8.9 J**	**78.3 J**	**42.6 J**	**6,480 J**	**712 J**
Zinc	mg/kg	350,000	**310 J**	**90.7**	**102**	**164**	**46.1**	**117 J**	**18.3 J**	**96.1 J**	**37.7 J**	**86.2**	**268**
Other													
Cyanide	mg/kg	150	**3.4 J-**	**0.63**	**4.4**	**0.32 J**	**1.4**	**0.64 J-**	0.57 UJ	**0.54 J-**	0.71 UJ	**2.1 J-**	**0.84 J-**

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J: The positive result for this analyte is a quantitative estimate.

Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-012-SB-1	B1-012-SB-9	B1-013-SB-1	B1-013-SB-9	B1-013-SB-10*	B1-014-SB-1	B1-014-SB-5	B1-014-SB-10*	B1-015-SB-1	B1-015-SB-9	B1-015-SB-10*
Metals													
Aluminum	mg/kg	1,100,000	**6,130 J**	**6,760 J**	**7,700 J**	**30,500 J**	N/A	**7,160 J**	**5,480 J**	N/A	**29,800 J**	**12,600 J**	N/A
Antimony	mg/kg	470	2.1 B	3.1 UJ	3.1 UJ	**5.2 J**	N/A	**5.6 J**	**8.2 J**	N/A	3.3 UJ	3 UJ	N/A
Arsenic	mg/kg	3	**21.4 J**	2.6 U	**11.9 J**	**137 J**	**43.1**	**21.5 J**	**22.4 J**	**402**	**6.1 J**	**6.5 J**	**17.2**
Barium	mg/kg	220,000	**145 J**	**15.8 J**	**114 J**	**492 J**	N/A	**272 J**	**218 J**	N/A	**246 J**	**40.3 J**	N/A
Beryllium	mg/kg	2,300	0.31 B	0.22 B	0.71 B	**4.1**	N/A	0.47 B	0.44 B	N/A	**4.6**	0.44 B	N/A
Cadmium	mg/kg	980	1 B	1.6 U	**1.3 J**	**4**	N/A	**1.9**	**1.7**	N/A	1.3 B	0.45 B	N/A
Chromium	mg/kg	120,000	**120 J**	**8.6 J**	**147 J**	**16.9 J**	N/A	**167 J**	**153 J**	N/A	**417 J**	**62.7 J**	N/A
Chromium VI	mg/kg	6.3	1.1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	N/A	1.1 UJ	1.1 UJ	N/A	1.1 UJ	1.1 UJ	N/A
Cobalt	mg/kg	350	**26.8**	1.7 B	**31.7**	**14**	N/A	**21.9**	**32.8**	N/A	**9.1**	**20.2**	N/A
Copper	mg/kg	47,000	**561 J**	**2.2 J**	**381 J**	**363 J**	N/A	**264 J**	**292 J**	N/A	**597 J**	**110 J**	N/A
Iron	mg/kg	820,000	**248,000**	**6,380**	**261,000**	**191,000**	N/A	**123,000**	**143,000**	N/A	**121,000**	**52,300**	N/A
Lead	mg/kg	800	**261**	**3.5**	**687**	**5,290**	**1,160**	**761**	**573**	N/A	**407**	**22.3**	N/A
Manganese	mg/kg	26,000	**11,500**	**70**	**2,950**	**5,190**	N/A	**5,690**	**7,290**	N/A	**9,730**	**2,440**	N/A
Mercury	mg/kg	350	**0.1 J-**	**0.006 J-**	**0.034 J-**	**0.09 J-**	N/A	**0.65 J-**	**0.4 J-**	N/A	0.11 UJ	**0.0048 J-**	N/A
Nickel	mg/kg	22,000	**52.9 J**	4.1 B	**86.3 J**	**11.1 J**	N/A	**93.2 J**	**148 J**	N/A	**48.7 J**	**33.6 J**	N/A
Selenium	mg/kg	5,800	4.1 U	4.1 U	4.1 U	3.1 B	N/A	4.6 U	4 U	N/A	4.4 U	4 U	N/A
Silver	mg/kg	5,800	**3.3**	3.1 U	**3.6**	2.8 B	N/A	1.1 B	1.7 B	N/A	3.3 U	3 U	N/A
Thallium	mg/kg	12	10.2 UJ	10.4 UJ	10.3 UJ	**10.8 J**	N/A	11.4 UJ	**10.1 J**	N/A	11.1 UJ	9.9 UJ	N/A
Vanadium	mg/kg	5,800	**205 J**	**12.9 J**	**147 J**	**35 J**	N/A	**494 J**	**339 J**	N/A	**184 J**	**27.7 J**	N/A
Zinc	mg/kg	350,000	**332**	**12.3**	**444**	**2,060**	N/A	**767**	**749**	N/A	**185**	**66.1**	N/A
Other													
Cyanide	mg/kg	150	**0.25 J-**	0.59 UJ	**5.2 J-**	**0.22 J-**	N/A	**1 J-**	**1.3 J-**	N/A	**1.8 J-**	**0.51 J-**	N/A

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-016-SB-1	B1-016-SB-5	B1-017-SB-1	B1-017-SB-5	B1-018-SB-1	B1-018-SB-5	B1-019-SB-1*	B1-019-SB-5*	B1-020-SB-1*	B1-020-SB-5*	B1-021-SB-1*
Metals													
Aluminum	mg/kg	1,100,000	**21,200 J**	**2,000 J**	**34,500 J**	**5,770 J**	**18,400 J**	**10,700 J**	**22,200**	**6,230**	**31,800**	**44,100**	**20,900**
Antimony	mg/kg	470	3 UJ	**21.2 J**	3 U	3.5 U	3 U	3.1 U	2.8 U	3.1 U	3.4 U	2.9 U	3.2 U
Arsenic	mg/kg	3	**5.6 J**	**9.1 J**	**5.1**	**166**	**11.2**	**18.9**	**3.6**	**28.6**	**7.2**	2.4 U	**11.9**
Barium	mg/kg	220,000	**284 J**	**33 J**	**283**	**136**	**214**	**210**	**174**	**154**	**233**	**292**	**335**
Beryllium	mg/kg	2,300	**1.4**	1.1 U	**3.8**	**0.78 J**	**1.7**	**1.1**	**2.8**	**0.42 J**	**4.3**	**6.8**	**2**
Cadmium	mg/kg	980	0.93 B	0.36 B	0.93 B	**1.1 J**	**2.7**	**4**	**0.9 J**	**1.4 J**	**0.9 J**	**0.23 J**	**2.7**
Chromium	mg/kg	120,000	**76.8 J**	**273 J**	**624**	**36.4**	**274**	**97.8**	**662**	**762**	**297**	**12.2**	**263**
Chromium VI	mg/kg	6.3	1.2 UJ	**0.57 J-**	1.2 UJ	1.3 UJ	1.1 UJ	1.1 UJ	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U
Cobalt	mg/kg	350	**8.1**	**43.8**	3.5 B	**22.7**	**10.2**	**21.1**	**2.7 J**	**51.1**	**3.8 J**	4.9 U	**17.6**
Copper	mg/kg	47,000	**153 J**	**1,520 J**	**48.2 J**	**71 J**	**119 J**	**176 J**	**65.5**	**409**	**128**	4.9 U	**158**
Iron	mg/kg	820,000	**42,600**	**440,000**	**122,000 J**	**20,500 J**	**174,000 J**	**71,700 J**	**130,000**	**207,000**	**106,000**	**2,980**	**156,000**
Lead	mg/kg	800	**254**	**509**	**38.4 J**	**231 J**	**176 J**	**529 J**	**98.2**	**268**	**71.5**	2.4 U	**310**
Manganese	mg/kg	26,000	**2,700**	**2,210**	**18,700**	**451**	**9,690**	**7,090**	**15,500**	**12,600**	**8,910**	**2,840**	**10,900**
Mercury	mg/kg	350	**0.077 J-**	**0.037 J-**	**0.013 J**	**0.35**	**0.033 J**	**0.12**	**1.1**	**0.067 J**	**0.16**	0.11 U	**0.15**
Nickel	mg/kg	22,000	**30 J**	**130 J**	**20.8 J**	**73.4 J**	**44.6 J**	**81.4 J**	**26.7**	**294**	**39.3**	9.7 U	**63.4**
Selenium	mg/kg	5,800	4 U	4.4 U	4.1 U	4.7 U	3.9 U	4.1 U	3.8 U	4.2 U	4.5 U	**2.6 J**	4.3 U
Silver	mg/kg	5,800	3 U	**6.1**	0.89 B	3.5 U	1.6 B	1.7 B	2.8 U	**2.5 J**	3.4 U	2.9 U	3.2 U
Thallium	mg/kg	12	10 UJ	11.1 UJ	10.1 U	11.8 U	9.9 U	10.2 U	9.4 U	10.5 U	11.2 U	9.7 U	10.7 U
Vanadium	mg/kg	5,800	**102 J**	**18.9 J**	**357**	**19.3**	**325**	**108**	**435**	**129**	**179**	**12.3**	**379**
Zinc	mg/kg	350,000	**407**	**162**	**233 J**	**284 J**	**476 J**	**776 J**	**326**	**445**	**182**	**0.43 J**	**748**
Other													
Cyanide	mg/kg	150	**3 J-**	**0.06 J-**	**0.33 J-**	**0.28 J-**	**0.98 J-**	**1.1 J-**	**3.6**	**0.47 J**	**1**	**0.14 J**	0.67 B

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-021-SB-5*	B1-022-SB-1*	B1-022-SB-5*	B1-023-SB-1	B1-023-SB-4	B1-024-SB-1	B1-024-SB-5	B1-025-SB-1	B1-026-SB-1	B1-026-SB-7.5	B1-027-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**8,330**	**16,300**	**50,600**	**1,300**	**23,400**	**8,320**	**55,500**	**31,000**	**25,700**	**30,400**	**12,400**
Antimony	mg/kg	470	3.6 U	2.9 U	3.1 U	2.7 UJ	3.6 UJ	3.2 UJ	3.5 UJ	1.9 B	2.9 U	3.6 U	**2.5 J**
Arsenic	mg/kg	3	**181**	**19.9**	**9.1**	2.3 U	**15.8 J**	**15 J**	**8.7 J**	**9.9 J**	**7.4 J**	**22.9 J**	**49.4 J**
Barium	mg/kg	220,000	**147**	**297**	**433**	**28.3**	**289**	**162**	**736**	**386 J**	**268 J**	**820 J**	**175**
Beryllium	mg/kg	2,300	**0.99 J**	**1.5**	**7.1**	0.92 U	**1.5**	**0.97 J**	**2.5**	**3.1**	**3.8**	**1.9**	**0.72 J**
Cadmium	mg/kg	980	1.8 U	**3.7**	**0.24 J**	**0.58 J**	**0.62 J**	**2.9**	**0.51 J**	0.83 B	0.87 B	0.88 B	**3.5**
Chromium	mg/kg	120,000	**14.1**	**165**	**3**	**33.7**	**453**	**145**	**516**	**48.7**	**234**	**344**	**402**
Chromium VI	mg/kg	6.3	1.2 U	1.1 U	1.2 U	0.3 B	0.34 B	0.35 B	0.29 B	0.36 B	0.35 B	0.43 B	0.38 B
Cobalt	mg/kg	350	**9.8**	**13.7**	**1.5 J**	**5.4**	**27.5**	**24.2**	**29.6**	4.1 B	**8.2 J**	**17.7 J**	**35.9**
Copper	mg/kg	47,000	**156**	**135**	**16.9**	**51.6**	**85.3**	**340**	**70.1**	**1,850**	**144**	**130**	**838**
Iron	mg/kg	820,000	**236,000**	**94,300**	**9,650**	**49,400 J**	**46,100 J**	**199,000 J**	**59,000 J**	**19,100**	**146,000**	**44,800**	**314,000 J**
Lead	mg/kg	800	**7.5**	**1,040**	**3.6**	**67.7**	**185**	**277**	**11.5**	**154**	**75.3**	**645**	**323**
Manganese	mg/kg	26,000	**275**	**5,920**	**379**	**899**	**4,820**	**4,180**	**7,480**	**3,750**	**6,080**	**2,030**	**3,350**
Mercury	mg/kg	350	**0.0079 J**	**0.12**	0.12 U	**0.19 J+**	**0.03 J+**	**0.18 J+**	**0.0025 J+**	**0.0028 J**	**0.054 J**	**0.037 J**	**0.2 J+**
Nickel	mg/kg	22,000	**16.8**	**51.7**	**2.8 J**	**29.7 J**	**167 J**	**130 J**	**195 J**	**14.6 J**	**72.5 J**	**122 J**	**380 J**
Selenium	mg/kg	5,800	4.8 U	3.9 U	**3.7 J**	3.7 U	2.8 B	4.2 U	**6.3**	3.8 U	3.9 U	3.7 B	2.4 B
Silver	mg/kg	5,800	**2.4 J**	**0.92 J**	3.1 U	0.81 B	1.1 B	**3.5**	3.5 U	2.8 U	1.4 B	3.6 U	**5.2**
Thallium	mg/kg	12	11.9 U	9.6 U	10.4 U	9.2 UJ	9.7 UJ	10.6 UJ	11.7 UJ	9.4 U	9.7 U	11.9 U	9.9 UJ
Vanadium	mg/kg	5,800	**26.3**	**426**	**9.8**	**60.3**	**51.3**	**129**	**28.6**	**41.3 J**	**120 J**	**169 J**	**134**
Zinc	mg/kg	350,000	**10.7**	**1,140**	**8.4**	**276**	**91.9**	**790**	**10.3**	**213**	**133**	**208**	**996**
Other													
Cyanide	mg/kg	150	0.33 B	0.46 B	0.24 B	**0.62 J-**	0.55 B	0.61 B	**1.2 J-**	**0.47 J-**	**0.58 J-**	**3.7 J-**	**2.1 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-028-SB-1	B1-028-SB-4	B1-029-SB-1*	B1-029-SB-5*	B1-030-SB-1*	B1-030-SB-5*	B1-031-SB-1*	B1-031-SB-5*	B1-032-SB-1*	B1-032-SB-5*	B1-033-SB-1*
Metals													
Aluminum	mg/kg	1,100,000	**15,700**	**78,200**	**4,300**	**14,400**	**9,100**	**18,400**	**18,700**	**14,300**	**14,000**	**15,200**	**16,600**
Antimony	mg/kg	470	1.9 B	3.7 UJ	2.9 U	3.2 U	3 U	3.1 U	3.3 U	3.5 U	3.2 U	3.1 U	2.9 U
Arsenic	mg/kg	3	**19.9 J**	2.5 U	**12.3**	**6.2**	**13**	**5.7**	**13.6**	**3.1**	**17.7**	**6.4**	**3.9**
Barium	mg/kg	220,000	**249**	**298**	**498**	**66.5**	**446**	**64.1**	**398**	**89.2**	**90.8**	**40.3**	**95.3**
Beryllium	mg/kg	2,300	**1**	**2.6**	**0.35 J**	**0.68 J**	**0.63 J**	**0.58 J**	**1.4**	**0.78 J**	**0.23 J**	**0.63 J**	**0.95 J**
Cadmium	mg/kg	980	**3**	**0.88 J**	**0.82 J**	**0.34 J**	**2.6**	1.5 U	**1.2 J**	**0.19 J**	**1.1 J**	1.5 U	**0.55 J**
Chromium	mg/kg	120,000	**209**	**222**	**299**	**26.9**	**488**	**25.7**	**722**	**23.7**	**7,490**	**43.9**	**763**
Chromium VI	mg/kg	6.3	0.36 B	0.34 B	0.3 B	0.33 B	0.36 B	0.38 B	0.48 B	0.32 B	0.35 B	0.34 B	1.1 U
Cobalt	mg/kg	350	**25.6**	**4.6 J**	**25.7**	**4.6 J**	**16.7**	**5 J**	**8.2**	**4.7 J**	**41.3**	**4.9 J**	**2.5 J**
Copper	mg/kg	47,000	**349**	**26.4**	**408**	**15.9**	**215**	**10.6**	**96.1**	**11.4**	**178**	**14.2**	**41.9**
Iron	mg/kg	820,000	**70,600 J**	**7,860 J**	**551,000**	**21,500**	**325,000**	**21,100**	**161,000**	**16,900**	**182,000**	**20,600**	**144,000**
Lead	mg/kg	800	**537**	**20.2**	**124**	**44.1**	**847**	**16.6**	**194**	**23.2**	**89.8**	**16.1**	**173**
Manganese	mg/kg	26,000	**2,540**	**1,840**	**5,170**	**331**	**9,110**	**284**	**27,100**	**618**	**16,700**	**596**	**16,000**
Mercury	mg/kg	350	**0.033 J+**	**0.0051 J+**	**0.093 J**	**0.037 J**	**0.28**	**0.071 J**	**0.1 J**	**0.025 J**	**0.15**	**0.08 J**	**0.87**
Nickel	mg/kg	22,000	**172 J**	**26 J**	**240**	**11.5**	**135**	**13.9**	**50.7**	**10.7 J**	**3,710**	**12.1**	**21.9**
Selenium	mg/kg	5,800	4 U	**5.3**	3.9 U	4.2 U	4 U	4.1 U	4.3 U	4.6 U	4.2 U	4.1 U	3.8 U
Silver	mg/kg	5,800	**1.6 J**	3.7 U	**7**	3.2 U	**3.4**	3.1 U	3.3 U	3.5 U	3.2 U	3.1 U	**1.1 J**
Thallium	mg/kg	12	9.9 UJ	9.9 UJ	9.6 U	10.6 U	9.9 U	10.3 U	10.8 U	11.5 U	10.5 U	10.2 U	9.5 U
Vanadium	mg/kg	5,800	**51**	**14.4**	**92.1**	**35.8**	**215**	**35.8**	**960**	**39.1**	**652**	**66.7**	**457**
Zinc	mg/kg	350,000	**991**	**47.8**	**475**	**109**	**715**	**49.4**	**394**	**95**	**1,900**	**70.7**	**201**
Other													
Cyanide	mg/kg	150	**3.8 J-**	**4.2 J-**	**1.3**	0.051 B	**4.4**	**0.076 J**	**0.54 J**	**0.26 J**	**1.2**	**0.079 J**	**3.4**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-033-SB-4*	B1-034-SB-1*	B1-034-SB-4*	B1-035-SB-1*	B1-035-SB-5*	B1-036-SB-1*	B1-036-SB-4*	B1-037-SB-1	B1-037-SB-5	B1-037-SB-10*	B1-038-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**9,290**	**26,900**	**17,600**	**8,210**	**14,200**	**40,800**	**17,800**	**17,000**	**16,400**	N/A	**25,200**
Antimony	mg/kg	470	3.3 U	2.8 U	3.1 U	3 U	3.2 U	2.9 U	**7.4**	3.1 UJ	3.4 UJ	N/A	3.5 UJ
Arsenic	mg/kg	3	**5.1**	**4.4**	**3.4**	**24.5**	**3.8**	**7.5**	**87.1**	**10.8**	**4.3**	**3.3**	**14**
Barium	mg/kg	220,000	**30.9**	**131**	**28.8**	**107**	**131**	**380**	**228**	**186 J**	**227 J**	N/A	**396 J**
Beryllium	mg/kg	2,300	1.1 U	**1.4**	1 U	**0.65 J**	**1.1**	**7.7**	**0.88 J**	**1.8**	0.84 B	N/A	**3.3**
Cadmium	mg/kg	980	**0.4 J**	**0.76 J**	**0.21 J**	**3.9**	1.6 U	0.94 B	**1.8**	**7.7**	**0.43 J**	N/A	**4.2**
Chromium	mg/kg	120,000	**1,230**	**857**	**1,070**	**109**	**17.2**	**22.6**	**191**	**273**	**69.9**	N/A	**404**
Chromium VI	mg/kg	6.3	**5.3**	**0.99 J**	**6**	1.2 U	1.3 U	1.1 U	1.2 U	1.1 UJ	1.2 UJ	N/A	1.2 UJ
Cobalt	mg/kg	350	**3 J**	**3.2 J**	5.2 U	**5 J**	**15.6**	**2.1 J**	**38.8**	**10**	4.7 B	N/A	**10.3**
Copper	mg/kg	47,000	**30.3**	**44.6**	**17.9**	**126**	**10**	**33.2**	**297**	**134 J**	**55.7 J**	N/A	**205 J**
Iron	mg/kg	820,000	**203,000**	**178,000**	**157,000**	**51,000**	**16,100**	**17,500**	**92,300**	**100,000 J**	**22,100 J**	N/A	**136,000 J**
Lead	mg/kg	800	**7.7**	**163**	2.6 U	**277**	**19.9**	**93.3**	**1,620**	**713**	**77.8**	N/A	**768**
Manganese	mg/kg	26,000	**27,700**	**20,700**	**29,100**	**3,000**	**2,240**	**3,010**	**2,320**	**7,350**	**1,420**	N/A	**9,790**
Mercury	mg/kg	350	0.11 U	**0.42**	**0.0074 J**	**2.9**	**0.055 J**	**14.9**	**0.23**	**57.8 J**	**0.21 J**	N/A	**25.4 J**
Nickel	mg/kg	22,000	**25**	**26.3**	**9.9 J**	**17.2**	**16.5**	**8.6 J**	**350**	**48.8**	**17.8**	N/A	**60.2**
Selenium	mg/kg	5,800	4.4 U	3.8 U	4.2 U	4 U	4.3 U	**5.3**	4.4 U	**2.9 J**	4.5 U	N/A	4.6 U
Silver	mg/kg	5,800	**2.3 J**	**1.7 J**	**1.4 J**	**0.87 J**	3.2 U	2.9 U	**5**	**3.2**	3.4 U	N/A	2.9 B
Thallium	mg/kg	12	10.9 U	9.5 U	10.4 U	10.1 U	10.6 U	9.6 U	11.1 U	10.4 U	11.2 U	N/A	11.5 U
Vanadium	mg/kg	5,800	**680**	**445**	**684**	**159**	**27**	**27.1**	**197**	**258**	**123**	N/A	**207**
Zinc	mg/kg	350,000	**21.4**	**173**	**15.3**	**902**	**48.7**	**216**	**811**	**6,780**	**127**	N/A	**8,090**
Other													
Cyanide	mg/kg	150	0.68 U	**4.5**	**0.058 J**	**4.5**	**0.77**	**5.1**	**2.7**	**21.9 J-**	**0.91 J-**	N/A	**38.1 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-038-SB-5	B1-039-SB-1	B1-039-SB-5	B1-040-SB-1	B1-040-SB-5	B1-041-SB-1*	B1-041-SB-8*	B1-042-SB-1*	B1-042-SB-5*	B1-043-SB-1	B1-043-SB-5
Metals													
Aluminum	mg/kg	1,100,000	**14,800**	**18,700**	**45,900**	**12,400**	**49,500**	**17,200**	**1,750**	**13,700**	**15,100**	**21,300**	**16,900**
Antimony	mg/kg	470	3.2 UJ	**2.9 J**	3.1 UJ	3.4 UJ	2.9 UJ	2.8 U	2.7 U	3.3 U	3.5 U	3.2 UJ	3.2 UJ
Arsenic	mg/kg	3	**9.3**	**18.5**	2.6 UJ	**7.5**	2.4 U	**5.3**	2.3 U	**4.7**	**3**	**8.8**	**6.1**
Barium	mg/kg	220,000	**147 J**	**163 J**	**640 J**	**152 J**	**673 J**	**202**	**8.2 J**	**152**	**84.8**	**163 J**	**71.1 J**
Beryllium	mg/kg	2,300	**1.3**	**2**	**6.1**	**1.2**	**6.1**	**2.4**	**0.26 J**	**1.7**	**0.57 J**	**2.5**	0.62 B
Cadmium	mg/kg	980	**2.5**	**5.6**	**0.4 J**	**3.3**	**0.31 J**	**1.1 J**	1.4 U	**0.76 J**	1.8 U	**0.97 J**	1.6 U
Chromium	mg/kg	120,000	**614**	**332**	**11.5**	**364**	**10**	**64.3**	**10.8**	**49**	**26.2**	**133**	**41**
Chromium VI	mg/kg	6.3	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1.2 U	1.1 UJ	**0.2 J**
Cobalt	mg/kg	350	**10.5**	**18.4**	2.1 B	**7.9**	1.2 B	**5.1**	**1.8 J**	**4.5 J**	**4.1 J**	**9.4**	**7.8**
Copper	mg/kg	47,000	**377 J**	**325 J**	**7.7 J**	**162 J**	4.6 B	**75.3**	**3.8 J**	**57.7**	**17.9**	**205 J**	**35.7 J**
Iron	mg/kg	820,000	**112,000 J**	**216,000 J**	**13,400 J**	**99,500 J**	**9,820 J**	**62,500**	**4,240**	**50,800**	**15,700**	**120,000 J**	**20,700 J**
Lead	mg/kg	800	**151**	**928**	2.6 UJ	**697**	2.4 UJ	**89.6**	2.3 U	**44.5**	**40.3**	**88.1**	**43.1**
Manganese	mg/kg	26,000	**11,100**	**8,770**	**6,700**	**7,200**	**8,230**	**2,040**	**27.5**	**1,530**	**169**	**4,520**	**311**
Mercury	mg/kg	350	**4.1 J**	**115 J**	0.11 U	**4.8 J**	0.11 U	**0.043 J**	**0.0037 J**	**0.02 J**	**0.03 J**	**0.026 J**	**0.055 J**
Nickel	mg/kg	22,000	**42.7**	**57.3**	2.7 B	**66**	2.1 B	**38**	**3 J**	**48.3**	**10.7 J**	**57.1**	**27.2**
Selenium	mg/kg	5,800	4.2 U	4.4 U	**4.4**	4.5 U	**2.8 J**	3.8 U	**2.7 J**	4.4 U	4.7 U	4.3 U	4.2 U
Silver	mg/kg	5,800	1.5 B	0.87 B	3.1 U	0.95 B	2.9 U	2.8 U	2.7 U	3.3 U	3.5 U	1.7 B	3.2 U
Thallium	mg/kg	12	10.6 U	11 U	10.4 U	11.3 U	9.7 U	9.5 U	9.1 U	11 U	11.8 U	10.7 U	10.6 U
Vanadium	mg/kg	5,800	**650**	**527**	**38.8**	**453**	**41.2**	**44.5**	**9.3**	**39.8**	**27.4**	**105**	**30.1**
Zinc	mg/kg	350,000	**476**	**5,090**	**9**	**2,660**	**8.5**	**239**	**8.4**	**143**	**84.3**	**248**	**82.9**
Other													
Cyanide	mg/kg	150	**0.96 J-**	**102 J-**	**0.4 J-**	**9.4 J-**	**0.36 J-**	**2.3**	0.61 U	**0.62 J**	**0.74 J**	**0.64 J-**	0.62 UJ

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-044-SB-1	B1-044-SB-5	B1-045-SB-1	B1-045-SB-5	B1-046-SB-1	B1-046-SB-6	B1-046-SB-10*	B1-047-SB-1	B1-047-SB-5	B1-047-SB-10*	B1-048-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**34,100**	**12,200**	**30,800**	**61,300**	**30,500**	**16,200**	N/A	**25,700**	**50,000**	N/A	**19,100**
Antimony	mg/kg	470	3.1 UJ	3.3 UJ	2.7 UJ	4.7 UJ	3.1 UJ	3.3 UJ	N/A	**13.2 J**	3.8 UJ	N/A	2.9 UJ
Arsenic	mg/kg	3	**8.3**	**7.9**	**9.7**	1.6 U	**3.3**	**4.2**	**2.6 J**	**12.9**	**29.1**	**8**	**24.7**
Barium	mg/kg	220,000	**242 J**	**122 J**	**251 J**	**397 J**	**264 J**	**72.8 J**	N/A	**224 J**	**494 J**	N/A	**189 J**
Beryllium	mg/kg	2,300	**4.2**	**1.4**	**4.1**	**3.3**	**3.4**	0.72 B	N/A	**3.3**	**2.3**	N/A	**2.1**
Cadmium	mg/kg	980	**1.2 J**	**1.8**	**1.2 J**	**0.66 J**	**0.84 J**	1.7 U	N/A	0.73 B	**0.74 J**	N/A	**1.9**
Chromium	mg/kg	120,000	**184**	**226**	**437**	**265**	**776**	**26.8**	N/A	**496**	**517**	N/A	**155**
Chromium VI	mg/kg	6.3	1.1 UJ	1.2 UJ	1.1 U	1.6 U	1.1 U	1.2 U	N/A	1.1 U	1.4 U	N/A	1.1 U
Cobalt	mg/kg	350	4.9 B	**13.3**	**5.3**	2 B	2.8 B	4.7 B	N/A	**7.2**	**21.5**	N/A	**10.5**
Copper	mg/kg	47,000	**175 J**	**202 J**	**155**	**21.9**	**59.7**	**14**	N/A	**13,200**	**163**	N/A	**382**
Iron	mg/kg	820,000	**65,200 J**	**87,200 J**	**115,000 J**	**3,830 J**	**138,000 J**	**14,300 J**	N/A	**171,000**	**62,500**	N/A	**105,000**
Lead	mg/kg	800	**74.7**	**92.6**	**70.8**	3.9 U	**28.4**	**20.4**	N/A	**198**	**43.3**	N/A	**165**
Manganese	mg/kg	26,000	**6,270**	**5,490**	**11,500**	**1,710**	**18,500**	**128**	N/A	**11,400**	**2,460**	N/A	**4,620**
Mercury	mg/kg	350	**0.13 J**	**0.15 J**	**0.0094 J**	**0.0073 J**	**0.043 J**	**0.036 J**	N/A	**0.027 J**	**0.083 J**	N/A	**0.047 J**
Nickel	mg/kg	22,000	**30.4**	**65.6**	**47.6**	12.6 B	**28**	**14.3**	N/A	**161 J**	**114 J**	N/A	**65.9 J**
Selenium	mg/kg	5,800	4.1 U	4.4 U	**2.3 J**	**6.1 J**	4.1 U	4.5 U	N/A	3.9 U	**8.1**	N/A	3.8 U
Silver	mg/kg	5,800	**0.75 J**	3.3 U	2.7 U	4.7 U	3.1 U	3.3 U	N/A	**13.6**	3.8 U	N/A	2.9 U
Thallium	mg/kg	12	10.2 U	11 U	9.1 U	6.3 U	10.2 U	11.1 U	N/A	9.8 U	10.1 U	N/A	9.6 U
Vanadium	mg/kg	5,800	**102**	**453**	**278 J**	**27.2 J**	**420 J**	**35 J**	N/A	**218**	**74.6**	N/A	**295**
Zinc	mg/kg	350,000	**355**	**213**	**295 J**	6.2 B	**225 J**	**36.9 J**	N/A	**449 J**	**91.9 J**	N/A	**547 J**
Other													
Cyanide	mg/kg	150	**0.51 J-**	**0.44 J-**	**0.53 J-**	**7.3 J-**	**0.77 J-**	0.7 UJ	N/A	**0.53 J-**	**1.5 J-**	N/A	**0.31 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-048-SB-7	B1-048-SB-10*	B1-049-SB-1	B1-049-SB-5	B1-050-SB-1	B1-050-SB-5	B1-051-SB-1	B1-051-SB-5	B1-052-SB-1	B1-052-SB-5	B1-053-SB-1*
Metals													
Aluminum	mg/kg	1,100,000	**13,000**	N/A	**30,500**	**77,100**	**31,600**	**38,000**	**21,400**	**20,700**	**27,500**	**28,100**	**20,100**
Antimony	mg/kg	470	3.2 UJ	N/A	3.1 UJ	5 UJ	3.2 UJ	3.3 UJ	3.1 UJ	**34 J**	3 UJ	3.4 UJ	3 U
Arsenic	mg/kg	3	**5.1**	**3.7**	**5.8**	1.7 U	**7.7**	**5.1**	**5.3**	**106**	2.5 U	**18**	**4**
Barium	mg/kg	220,000	**47 J**	N/A	**332**	**760**	**215 J**	**706 J**	**183**	**156**	**224**	**364**	**102**
Beryllium	mg/kg	2,300	**0.79 J**	N/A	**4.4**	**2.9**	**3.1**	**1.5**	**3.4**	**0.49 J**	**3.5**	**1.5**	**0.74 J**
Cadmium	mg/kg	980	1.6 U	N/A	0.84 B	**0.76 J**	**0.9 J**	**0.33 J**	0.75 B	**89**	0.81 B	**9.3**	**0.53 J**
Chromium	mg/kg	120,000	**40.3**	N/A	**69.8 J**	**854 J**	**211**	**164**	**176 J**	**1,720 J**	**579 J**	**314 J**	**999**
Chromium VI	mg/kg	6.3	1.2 U	N/A	1.1 UJ	**0.99 J**	1.1 U	1.3 U	1.1 U	1.3 U	1.1 U	1.2 U	1.1 U
Cobalt	mg/kg	350	**9**	N/A	3.6 B	3.9 B	**5.5**	**6.8**	3.9 B	**27.5**	3.3 B	**51.4**	**1.7 J**
Copper	mg/kg	47,000	**18.9**	N/A	**128 J**	**27.7 J**	**388**	**74.4**	**149 J**	**877 J**	**70.5 J**	**248 J**	**28.6**
Iron	mg/kg	820,000	**21,500**	N/A	**51,500**	**7,000**	**111,000**	**21,900**	**78,200**	**111,000**	**123,000**	**100,000**	**164,000**
Lead	mg/kg	800	**18.3**	N/A	**54.4 J**	4.2 U	**79.3**	**33.1**	**2,400 J**	**12,300 J**	**53.2 J**	**799 J**	**27.1**
Manganese	mg/kg	26,000	**278**	N/A	**4,560**	**3,620**	**11,200**	**1,320**	**5,170**	**5,820**	**15,400**	**6,270**	**20,100**
Mercury	mg/kg	350	**0.035 J**	N/A	0.12 UJ	0.17 UJ	0.1 U	**0.094 J**	**0.47 J-**	**0.037 J-**	**0.019 J-**	**0.036 J-**	**0.042 J**
Nickel	mg/kg	22,000	**54.1 J**	N/A	**23 J**	**31.8 J**	**50.9 J**	**33.5 J**	**30.8 J**	**100 J**	**21.7 J**	**66.2 J**	**20**
Selenium	mg/kg	5,800	4.2 U	N/A	4.1 U	**6.5 J**	4.3 U	4.4 U	4.1 U	4.5 U	4 U	4.6 U	4 U
Silver	mg/kg	5,800	3.2 U	N/A	3.1 U	5 U	3.2 U	3.3 U	3.1 U	**27.6**	3 U	**2.5 J**	**0.84 J**
Thallium	mg/kg	12	10.6 U	N/A	10.3 U	6.6 U	10.7 U	11.1 U	10.2 U	11.2 U	10.1 U	11.4 U	10 U
Vanadium	mg/kg	5,800	**33.1**	N/A	**75.7 J**	**39.7 J**	**172**	**21.8**	**133 J**	**2,590 J**	**356 J**	**559 J**	**555**
Zinc	mg/kg	350,000	**44.8 J**	N/A	**118 J**	**13.8 J**	**198 J**	**26.9 J**	**186 J**	**29,400 J**	**170 J**	**1,910 J**	**247**
Other													
Cyanide	mg/kg	150	0.64 UJ	N/A	**0.38 J-**	**1.3 J-**	**0.61 J-**	**4.2 J-**	**0.45 J-**	**13.8 J-**	**0.56 J-**	**3.8 J-**	**0.83**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-053-SB-7*	B1-054-SB-1*	B1-054-SB-5*	B1-055-SB-1*	B1-055-SB-6.5*	B1-056-SB-1*	B1-056-SB-7.5*	B1-057-SB-1*	B1-057-SB-5*	B1-058-SB-1*
Metals												
Aluminum	mg/kg	1,100,000	**18,300**	**15,300**	**14,600**	**23,900**	**17,600**	**39,400**	**16,100**	**12,600**	**38,300**	**9,880**
Antimony	mg/kg	470	3.3 U	2.9 U	2.9 U	2.9 U	3.7 U	2.9 U	3.1 U	3.5 U	3.4 U	3.5 U
Arsenic	mg/kg	3	**6.5**	**5.4**	**4**	**9.4**	**4.4**	**4.6**	**5.8**	**7.8**	**2.5 J**	**46.7**
Barium	mg/kg	220,000	**263**	**105**	**302**	**302**	**95.9**	**421**	**89.5**	**138**	**424**	**189**
Beryllium	mg/kg	2,300	**1.1 J**	**0.9 J**	**0.19 J**	**3**	**0.76 J**	**7.2**	**0.87 J**	**0.82 J**	**1.9**	**0.67 J**
Cadmium	mg/kg	980	**0.83 J**	**0.8 J**	**0.29 J**	1.7 B	0.39 B	0.93 B	0.48 B	0.99 B	0.55 B	**5.3**
Chromium	mg/kg	120,000	**433**	**975**	**1,810**	**582**	**53.2**	**18.5**	**37.4**	**243**	**132**	**360**
Chromium VI	mg/kg	6.3	1.2 U	**1.4**	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	**1.5**
Cobalt	mg/kg	350	**6.1**	**2.9 J**	**2.2 J**	**8**	**5.7 J**	**1 J**	**7.2**	**34**	**8**	**19.8**
Copper	mg/kg	47,000	**43.4**	**55.9**	**33.2**	**65.8**	**15**	**21.1**	**17.8**	**43.1**	**17.2**	**423**
Iron	mg/kg	820,000	**54,700**	**201,000**	**140,000**	**83,000**	**22,500**	**13,500**	**35,400**	**44,600**	**17,800**	**243,000**
Lead	mg/kg	800	**328**	**139**	**10**	**217**	**31**	**21.4**	**57.4**	**414**	**35.4**	**1,340**
Manganese	mg/kg	26,000	**19,200**	**20,000**	**46,300**	**17,800**	**1,120**	**2,680**	**1,000**	**1,850**	**1,890**	**7,130**
Mercury	mg/kg	350	**0.053 J**	**3.1**	**0.0042 J**	**0.17**	**0.047 J**	0.11 U	0.11 U	**0.4**	**0.02 J**	**0.13**
Nickel	mg/kg	22,000	**18.3**	**34.4**	**13.5**	**54.7**	**12.6**	**2.8 J**	**17.2**	**226**	**37.1**	**199**
Selenium	mg/kg	5,800	4.5 U	3.9 U	3.8 U	3.9 U	4.9 U	**4.2**	4.1 U	4.6 U	4.5 U	4.7 U
Silver	mg/kg	5,800	3.3 U	**1.7 J**	2.9 U	2.9 U	3.7 U	2.9 U	3.1 U	3.5 U	3.4 U	**2.9 J**
Thallium	mg/kg	12	11.2 U	9.7 U	9.6 U	9.8 U	9.8 U	9.7 U	10.3 U	11.6 U	11.2 U	11.6 U
Vanadium	mg/kg	5,800	**1,180**	**547**	**9,910**	**2,290**	**167**	**61**	**76.6**	**115**	**25.2**	**178**
Zinc	mg/kg	350,000	**251**	**430**	**31.4**	**474**	**70.8**	**107**	**115**	**373**	**48.7**	**521**
Other												
Cyanide	mg/kg	150	**2.4**	**3.4**	**0.68**	**2.3**	0.31 B	**3**	0.26 B	**1.2**	**0.63 J**	**1.8**

Detections in bold
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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-058-SB-7.5*	B1-059-SB-1*	B1-059-SB-7*	B1-060-SB-1*	B1-060-SB-5*	B1-061-SB-1*	B1-061-SB-7*	B1-062-SB-1*	B1-062-SB-6*	B1-063-SB-1
Metals												
Aluminum	mg/kg	1,100,000	**13,500**	**3,400**	**17,000**	**7,940**	**9,020**	**27,500**	**25,300**	**11,600**	**36,100**	**24,600**
Antimony	mg/kg	470	3.2 U	3.5 U	3.1 U	3.2 U	3 U	3.3 U	2.9 U	3.5 U	3.1 U	2.9 U
Arsenic	mg/kg	3	**14.8**	**6.6**	**3.4**	**10.2**	**4.7**	**17.1**	**10.3**	**14.3**	2.6 U	**5**
Barium	mg/kg	220,000	**134**	**47.6**	**215**	**80.6**	**106**	**345**	**308**	**237**	**230**	**94.8 J**
Beryllium	mg/kg	2,300	**1.7**	**0.46 J**	**2.1**	**0.88 J**	**0.6 J**	**3.8**	**1.2**	**1.1 J**	**2**	**0.71 J**
Cadmium	mg/kg	980	0.6 B	0.75 B	0.79 B	2.2 B	1.1 B	**7**	**0.52 J**	**7.1**	**0.42 J**	0.65 B
Chromium	mg/kg	120,000	**78.1**	**88.6**	**25.4**	**92.3**	**85.4**	**158**	**1,820**	**623**	**5,200**	**838 J**
Chromium VI	mg/kg	6.3	1.2 U	0.32 B	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.2 U	1.1 U	**5.1 J-**
Cobalt	mg/kg	350	**9.2**	**4.2 J**	**5.1 J**	**5.2 J**	**5.3**	**13.5**	**86**	**12.4**	**26.1**	**6.6**
Copper	mg/kg	47,000	**98.1**	**51.1**	**31.9**	**93.6**	**26.6**	**227**	**191**	**191**	**346**	**75.1**
Iron	mg/kg	820,000	**105,000**	**37,700**	**26,800**	**57,300**	**25,300**	**125,000**	**118,000**	**112,000**	**57,100**	**210,000 J**
Lead	mg/kg	800	**177**	**75.9**	**39.1**	**114**	**131**	**844**	**44.1**	**868**	**38.3**	**34.1 J**
Manganese	mg/kg	26,000	**1,880**	**1,760**	**1,940**	**2,030**	**3,200**	**5,470**	**30,800**	**14,000**	**21,400**	**24,900**
Mercury	mg/kg	350	**0.01 J**	**0.087 J**	**0.0039 J**	**0.075 J**	**0.17**	**0.026 J**	0.11 U	**0.31**	0.1 U	**0.014 J-**
Nickel	mg/kg	22,000	**59.1**	**19.4**	**9.3 J**	**26.1**	**24.8**	**66.1**	**850**	**67.1**	**274**	**43.4 J**
Selenium	mg/kg	5,800	4.2 U	4.7 U	4.1 U	4.3 U	4 U	4.4 U	3.9 U	4.6 U	**3.5 J**	3.9 U
Silver	mg/kg	5,800	**0.87 J**	3.5 U	3.1 U	3.2 U	3 U	3.3 U	**1.6 J**	3.5 U	3.1 U	**2.9 J**
Thallium	mg/kg	12	10.6 U	11.7 U	10.3 U	10.8 U	10.1 U	11.1 U	9.7 U	11.6 U	10.3 U	9.8 U
Vanadium	mg/kg	5,800	**52.7**	**47.4**	**39.2**	**135**	**138**	**131**	**402**	**2,460**	**288**	**478 J**
Zinc	mg/kg	350,000	**121**	**257**	**114**	**283**	**269**	**1,130**	**202**	**1,050**	**42.8**	**93.7 J**
Other												
Cyanide	mg/kg	150	**4**	**1.7**	**0.15 J**	**4.3**	**3.1**	**4.3**	**0.39 J**	**16.7**	**5.1**	**1.1 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-063-SB-5	B1-063-SB-10	B1-064-SB-1	B1-064-SB-5	B1-065-SB-1*	B1-065-SB-4*	B1-066-SB-1*	B1-066-SB-9*	B1-067-SB-1*	B1-067-SB-9*	B1-068-SB-1*
Metals													
Aluminum	mg/kg	1,100,000	**44,200**	N/A	**12,700**	**1,330**	**21,200**	**30,300**	**43,700**	**19,200**	**10,100**	**24,300**	**12,400**
Antimony	mg/kg	470	3.6 UJ	N/A	3 UJ	2.9 UJ	2.7 U	3.3 U	2.7 U	3.3 U	3 U	3 U	3.1 U
Arsenic	mg/kg	3	**6.5**	2.9 U	**7.1**	**4.6**	**6**	**3.2**	**2 J**	**15.3**	**7.9**	**14.1**	**3.1**
Barium	mg/kg	220,000	**557 J**	N/A	**96.7 J**	**16.6 J**	**285**	**370**	**440**	**271**	**113**	**412**	**69.4**
Beryllium	mg/kg	2,300	**3.1**	N/A	**0.84 J**	0.95 U	**3.8**	**5.9**	**7**	**1.8**	**1.1**	**2.2**	**0.3 J**
Cadmium	mg/kg	980	0.7 B	N/A	**1.6**	0.37 B	0.66 B	**0.57 J**	0.35 B	**2.2**	**2**	**1.6**	0.72 B
Chromium	mg/kg	120,000	**413 J**	N/A	**738 J**	**104 J**	**606**	**96.6**	**6.7**	**499**	**894**	**288**	**1,470**
Chromium VI	mg/kg	6.3	0.3 B	N/A	**2.9 J-**	0.33 B	0.54 B	0.35 B	0.25 B	0.37 B	0.31 B	0.56 B	**7.2**
Cobalt	mg/kg	350	**21.3**	N/A	**9.1**	**30.8**	**3.6 J**	**2.4 J**	**0.68 J**	**14.4**	**7**	**15.2**	5.1 U
Copper	mg/kg	47,000	**102**	N/A	**191**	**336**	**39.6**	**14.2**	**4.8**	**261**	**71.3**	**383**	**33**
Iron	mg/kg	820,000	**75,900 J**	N/A	**297,000 J**	**221,000 J**	**97,900**	**131,000**	**9,720**	**105,000**	**220,000**	**126,000**	**196,000**
Lead	mg/kg	800	**45 J**	N/A	**52.6 J**	**65.8 J**	**92.5**	**13.3**	**2.7**	**443**	**120**	**428**	**6.4**
Manganese	mg/kg	26,000	**2,180**	N/A	**14,300**	**1,710**	**16,600**	**5,420**	**2,480**	**10,500**	**26,700**	**10,600**	**31,800**
Mercury	mg/kg	350	**0.042 J-**	N/A	**0.0092 J+**	**0.0079 J-**	**0.04 J**	0.11 U	0.1 U	**0.085 J**	**0.025 J**	**0.15**	0.11 U
Nickel	mg/kg	22,000	**146 J**	N/A	**122 J**	**71.9 J**	**18**	**8.1 J**	**1.9 J**	**125**	**40.9**	**72.2**	**13.7**
Selenium	mg/kg	5,800	4.8 U	N/A	4 U	3.8 U	**2.7 J**	**2.9 J**	**4.2**	4.4 U	4 U	4 U	4.1 U
Silver	mg/kg	5,800	3.6 U	N/A	**4**	**3.2**	2.7 U	3.3 U	2.7 U	3.3 U	3 U	3 U	3.1 U
Thallium	mg/kg	12	9.7 U	N/A	9.9 U	9.5 U	9 U	11.1 U	8.9 U	10.9 U	10.1 U	10.1 U	10.2 U
Vanadium	mg/kg	5,800	**29.5 J**	N/A	**325 J**	**17.7 J**	**1,690**	**343**	**10.9**	**1,480**	**1,970**	**250**	**868**
Zinc	mg/kg	350,000	**34.8 J**	N/A	**123 J**	**56.9 J**	**123**	**39.7**	**8**	**583**	**300**	**384**	**81.4**
Other													
Cyanide	mg/kg	150	**3 J-**	N/A	**0.65 J-**	0.23 B	**1.8**	**0.36 J**	**0.94**	**0.32 J**	**0.25 J**	**0.99**	**2**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-069-SB-1*	B1-069-SB-8*	B1-070-SB-1	B1-071-SB-1*	B1-071-SB-3*	B1-072-SB-1*	B1-072-SB-4*	B1-073-SB-1*	B1-074-SB-1*	B1-074-SB-8*	B1-075-SB-1*
Metals													
Aluminum	mg/kg	1,100,000	**12,200**	**7,800**	**53,100**	**21,200**	**28,100**	**17,800**	**34,800**	**7,050**	**28,300**	**17,600**	**21,700**
Antimony	mg/kg	470	2.9 U	3 U	3.3 UJ	3.2 U	3 U	2.9 U	3.1 U	3.2 U	3.2 U	3 U	3 U
Arsenic	mg/kg	3	**29.8**	**9**	**3.3**	**20.2**	**7**	**4.8**	**5.4**	**7.5**	**7.4**	**30.4**	**8.9**
Barium	mg/kg	220,000	**123**	**79.5**	**571 J**	**196**	**395**	**167**	**644**	**115**	**438**	**137**	**209**
Beryllium	mg/kg	2,300	**1.2**	**0.44 J**	**7.1**	**2.7**	**5.2**	**1.4**	**5.4**	**0.4 J**	**2.6**	**1.1**	**3.5**
Cadmium	mg/kg	980	**0.83 J**	**1.1 J**	1.1 B	**1.6**	**0.81 J**	**1.3 J**	**0.81 J**	1.9 B	**4.2**	0.79 B	**1.4 J**
Chromium	mg/kg	120,000	**38.6**	**23.1**	**19.8 J**	**6,330**	**140**	**722**	**84.3**	**241**	**212**	**164**	**150**
Chromium VI	mg/kg	6.3	1.1 U	1.1 U	0.3 B	**0.99 J**	1.1 U	1.1 U	1.1 U	1.1 U	0.32 B	0.53 B	0.66 B
Cobalt	mg/kg	350	**7.9**	**3.3 J**	2.6 B	**33**	**3.8 J**	**4 J**	**15.7**	**7.7**	**6.9**	**17.4**	**8.4**
Copper	mg/kg	47,000	**149**	**141**	**29.3**	**216**	**33.3**	**130**	**94.1**	**95.2**	**35.7**	**44.9**	**138**
Iron	mg/kg	820,000	**59,700**	**31,400**	**18,500 J**	**179,000**	**40,200**	**143,000**	**64,500**	**81,200**	**42,600**	**53,500**	**123,000**
Lead	mg/kg	800	**219**	**454**	**73.8 J**	**84**	**31.7**	**119**	**42.3**	**405**	**111**	**105**	**189**
Manganese	mg/kg	26,000	**6,050**	**7,420**	**6,000**	**9,900**	**3,190**	**14,300**	**6,100**	**4,940**	**8,840**	**6,510**	**3,470**
Mercury	mg/kg	350	**0.065 J**	**0.057 J**	0.1 U	**0.074 J**	0.11 U	**0.043 J**	0.11 U	**0.45**	0.11 U	**0.0041 J**	0.11 U
Nickel	mg/kg	22,000	**16.8**	**9.3 J**	3.7 B	**3,240**	**12.1**	**66.6**	**11.4**	**53**	**32.6**	**23.9**	**63.9**
Selenium	mg/kg	5,800	3.9 U	3.9 U	4.4 U	4.3 U	**3 J**	3.9 U	**3.3 J**	4.2 U	4.3 U	4.1 U	4.1 U
Silver	mg/kg	5,800	2.9 U	3 U	3.3 U	**1.4 J**	3 U	**0.96 J**	3.1 U	3.2 U	3.2 U	3 U	3 U
Thallium	mg/kg	12	9.7 U	9.9 U	11.1 U	10.7 U	10.1 U	9.8 U	10.4 U	10.6 U	10.8 U	10.1 U	10.2 U
Vanadium	mg/kg	5,800	**83.4**	**78.9**	**78.9 J**	**339**	**33**	**365**	**166**	**134**	**380**	**468**	**91.4**
Zinc	mg/kg	350,000	**291**	**326**	**166 J**	**890**	**147**	**430**	**154**	**649**	**4,670**	**209**	**324**
Other													
Cyanide	mg/kg	150	0.52 B	0.13 B	0.25 B	**1.3**	0.32 B	0.8 B	0.33 B	**2.1**	**1**	**1.6**	**2.5**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-075-SB-4*	B1-075-SB-10	B1-076-SB-1*	B1-076-SB-4*	B1-076-SB-10	B1-077-SB-1	B1-077-SB-4	B1-078-SB-1	B1-078-SB-4	B1-079-SB-1*	B1-079-SB-5*
Metals													
Aluminum	mg/kg	1,100,000	**18,300**	N/A	**21,300**	**12,600**	N/A	**10,700**	**47,100**	**24,400**	**51,200**	**13,000**	**19,100**
Antimony	mg/kg	470	3.1 U	N/A	3.3 U	3.2 U	N/A	3.4 U	3.3 U	**5.3**	2.9 U	**18.7**	3.4 U
Arsenic	mg/kg	3	**12.2**	**76.4**	**9.2**	**20.3**	**16.2**	**22.7 J**	**14 J**	**14.9 J**	**5.3 J**	**17.7**	**9.1**
Barium	mg/kg	220,000	**230**	N/A	**280**	**206**	N/A	**169 J**	**183 J**	**348 J**	**296 J**	**271**	**566**
Beryllium	mg/kg	2,300	**2.3**	N/A	**2.7**	**0.63 J**	N/A	**0.85 J**	**1.6**	**1.4**	**2.3**	**0.69 J**	**0.99 J**
Cadmium	mg/kg	980	**1.5**	N/A	**5.1**	**4.1**	N/A	**3.3**	0.32 B	**2.1**	0.72 B	1.1 B	0.38 B
Chromium	mg/kg	120,000	**132**	N/A	**166**	**439**	N/A	**194**	**3,110**	**174**	**213**	**114**	**2,200**
Chromium VI	mg/kg	6.3	0.48 B	N/A	0.93 B	0.53 B	N/A	0.56 B	0.35 B	0.37 B	0.37 B	0.51 B	0.55 B
Cobalt	mg/kg	350	**17**	N/A	**10.7**	**27.4**	N/A	**22.4 J**	**134 J**	**19.2 J**	**8.5 J**	**27.8**	**9.1**
Copper	mg/kg	47,000	**174**	N/A	**179**	**217**	N/A	**675**	**242**	**175**	**58.8**	**949**	**244**
Iron	mg/kg	820,000	**121,000**	N/A	**97,100**	**134,000**	N/A	**77,400**	**135,000**	**70,600**	**25,800**	**127,000**	**51,300**
Lead	mg/kg	800	**188**	N/A	**689**	**378**	N/A	**391**	2.8 U	**752**	**82.2**	**715**	**161**
Manganese	mg/kg	26,000	**3,610**	N/A	**4,120**	**15,700**	N/A	**1,870**	**2,430**	**2,150**	**3,030**	**1,270**	**9,680**
Mercury	mg/kg	350	0.11 U	N/A	**0.4**	**0.069 J**	N/A	**0.19**	**0.0025 J**	**0.073 J**	**0.04 J**	**0.22**	**0.041 J**
Nickel	mg/kg	22,000	**64.2**	N/A	**67.1**	**82.1**	N/A	**170 J**	**913 J**	**78.5 J**	**49.6 J**	**107**	**40.8**
Selenium	mg/kg	5,800	4.1 U	N/A	4.4 U	4.2 U	N/A	**2.7 J**	3.3 B	3.3 B	**4.6**	4.5 U	4.6 U
Silver	mg/kg	5,800	3.1 U	N/A	3.3 U	3.2 U	N/A	1.2 B	1.1 B	3.2 U	2.9 U	**1.5 J**	3.4 U
Thallium	mg/kg	12	10.2 U	N/A	10.9 U	10.6 U	N/A	11.3 U	11.1 U	10.8 U	9.8 U	11.1 U	11.4 U
Vanadium	mg/kg	5,800	**188**	N/A	**137**	**799**	N/A	**88.3 J**	**95.1 J**	**62 J**	**24.9 J**	**44.5**	**737**
Zinc	mg/kg	350,000	**329**	N/A	**535**	**996**	N/A	**1,240**	**3.7 J**	**722**	**112**	**355**	**184**
Other													
Cyanide	mg/kg	150	**2.8**	N/A	**3.5**	**1.1**	N/A	**2.8 J-**	**9.7 J-**	**6.4 J-**	**5.2 J-**	**2**	0.32 B

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-080-SB-1*	B1-080-SB-4*	B1-081-SB-1*	B1-081-SB-4.5*	B1-082-SB-1*	B1-082-SB-5*	B1-083-SB-1	B1-084-SB-1	B1-084-SB-4	B1-085-SB-1	B1-086-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**9,770**	**12,700**	**9,210**	**48,500**	**17,700**	**60,400**	**25,700**	**41,400**	**6,000**	**3,960**	**2,450**
Antimony	mg/kg	470	**2.8 J**	3.3 U	3.2 U	**1.7 J**	3.2 U	4.7 U	3 UJ	3.1 UJ	**6.2 J**	**2.2 J**	**2.5 J**
Arsenic	mg/kg	3	**8**	**4.8**	2.7 U	**2.3 J**	**3.9**	**2.5**	**11.2 J**	**3.5 J**	**76.8 J**	2.5 U	**2.6**
Barium	mg/kg	220,000	**171**	**101**	**26.7**	**497**	**179**	**2,330**	**380**	**476**	**87.8**	**395 J**	**452 J**
Beryllium	mg/kg	2,300	**0.96 J**	**1.2**	1.1 U	**2.8**	**2.4**	**2.5**	**3.8**	**6.3**	0.41 B	**0.32 J**	**0.19 J**
Cadmium	mg/kg	980	0.9 B	0.22 B	0.47 B	0.87 B	**3.2**	**0.54 J**	**2.3**	**10.1**	0.4 B	0.65 B	0.25 B
Chromium	mg/kg	120,000	**37.7**	**22.6**	**1,390**	**145**	**101**	**615**	**435 J**	**24 J**	**44 J**	**101**	**84**
Chromium VI	mg/kg	6.3	0.3 B	0.39 B	**7.3**	0.36 B	0.35 B	0.45 B	0.31 B	0.3 B	0.52 B	1.1 UJ	1.1 UJ
Cobalt	mg/kg	350	**7**	**17.9**	5.3 U	**9.7**	**3.4 J**	**2.9 J**	**12.9 J**	**3.3 J**	**22.3 J**	**2.7 J**	**2.9 J**
Copper	mg/kg	47,000	**2,460**	**592**	**20.6**	**146**	**40.9**	**52.9**	**178 J**	**48.5 J**	**227 J**	**35.9 J**	**41.1 J**
Iron	mg/kg	820,000	**44,900**	**19,900**	**174,000**	**56,800**	**28,600**	**7,900**	**76,600 J**	**21,900 J**	**101,000 J**	**67,900**	**75,300**
Lead	mg/kg	800	**731**	**36.2**	2.7 U	**264**	**66.1**	3.9 U	**309 J**	**422 J**	**155 J**	**14.8 J**	**5 J**
Manganese	mg/kg	26,000	**1,000**	**246**	**26,800**	**457**	**2,910**	**2,340**	**7,790**	**5,410**	**2,600**	**2,430**	**2,040**
Mercury	mg/kg	350	**0.14**	**0.034 J**	0.11 U	**0.031 J**	0.11 U	0.16 U	**0.082 J**	**0.0081 J**	**0.066 J**	**0.017 J-**	**0.017 J-**
Nickel	mg/kg	22,000	**25.7**	**40.4**	**9.2 J**	**30.3**	**10 J**	**15.3 J**	**54.9 J**	9.1 B	**55.9 J**	**18.4 J**	**20.7 J**
Selenium	mg/kg	5,800	3.9 U	4.4 U	4.3 U	3.8 U	4.3 U	**4.9 J**	2.8 B	4.1 U	4.3 U	4 U	3.6 U
Silver	mg/kg	5,800	3 U	3.3 U	3.2 U	2.9 U	3.2 U	4.7 U	3 U	3.1 U	**0.89 J**	3 U	0.87 B
Thallium	mg/kg	12	9.9 U	11.1 U	10.6 U	9.6 U	10.7 U	6.2 U	10 U	10.2 U	10.9 U	10 U	9.1 U
Vanadium	mg/kg	5,800	**20.6**	**19**	**816**	**65.5**	**57.9**	**45.2**	**1,280 J**	**40.1 J**	**60.4 J**	**42.3**	**31.1**
Zinc	mg/kg	350,000	**328**	**108**	**16**	**428**	**255**	**4.4 J**	**700 J**	**282 J**	**107 J**	**1,120 J**	**206 J**
Other													
Cyanide	mg/kg	150	0.24 B	0.58 B	**0.5 J**	**0.45 J**	**0.55 J**	**5.2**	**1 J-**	0.52 B	0.16 B	0.53 UJ	0.55 UJ

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-086-SB-5	B1-087-SB-1*	B1-087-SB-4*	B1-088-SB-1*	B1-088-SB-5*	B1-089-SB-1	B1-090-SB-1	B1-090-SB-6	B1-091-SB-1	B1-091-SB-5	B1-092-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**29,700**	**27,000**	**12,900**	**25,400**	**6,690**	**2,640**	**6,190**	**43,900**	**20,300**	**8,610**	**21,900 J**
Antimony	mg/kg	470	3.3 UJ	3.2 U	3.2 U	2.9 U	**4.8**	2.6 UJ	**102 J**	3.1 UJ	3.2 UJ	**5.2 J**	2.9 UJ
Arsenic	mg/kg	3	**4.8**	**3.4**	**16**	**7.5**	**5.4**	2.2 U	2.6 U	**2.9**	**11.7**	**4.9**	**6.4**
Barium	mg/kg	220,000	**292 J**	**276**	**143**	**359**	**253**	**267 J**	**275 J**	**331 J**	**233**	**93.7**	**194 J**
Beryllium	mg/kg	2,300	**4.3**	**4.1**	1.1 U	**2.7**	**0.48 J**	**0.21 J**	1 U	**8.5**	**1.8**	**0.62 J**	**3.2**
Cadmium	mg/kg	980	**3.9**	**0.66 J**	**1.1 J**	**1.8**	**10.3**	1.3 U	0.96 B	0.34 B	1.3 B	**0.21 J**	0.81 B
Chromium	mg/kg	120,000	**53.6**	**510**	**2,950**	**403**	**132**	**28.1**	**44.7**	**12.8**	**130**	**12.8**	**109 J**
Chromium VI	mg/kg	6.3	1.2 UJ	0.42 B	0.75 B	0.49 B	0.67 B	1 UJ	1.1 UJ	1.1 UJ	**3.9 J-**	1.2 UJ	1.1 UJ
Cobalt	mg/kg	350	**6 J**	**5.5**	**15.4**	**9.3**	**8.8**	**1.4 J**	**2.1 J**	5.2 U	**12.1**	**6.2**	**9.5 J**
Copper	mg/kg	47,000	**30.4 J**	**30.5**	**187**	**76.4**	**146**	**24.3 J**	**49.1 J**	3.5 B	**216**	**240**	**217 J**
Iron	mg/kg	820,000	**26,300**	**129,000**	**168,000**	**108,000**	**33,600**	**32,500**	**36,800**	**11,500**	**118,000**	**42,800**	**59,100 J**
Lead	mg/kg	800	**152 J**	**46.8**	**44.4**	**222**	**517**	**4.9 J**	**35.9 J**	**3.5 J**	**510**	**15,000**	**219 J**
Manganese	mg/kg	26,000	**2,950**	**13,500**	**48,500**	**15,900**	**2,660**	**871**	**1,090**	**3,170**	**3,250**	**240**	**5,770 J**
Mercury	mg/kg	350	**0.0025 J-**	**0.0062 J**	**0.0097 J**	**0.055 J**	**0.081 J**	**0.01 J-**	**0.019 J-**	**0.0023 J-**	**1.8**	**0.027 J**	**0.0062 J-**
Nickel	mg/kg	22,000	**15.4 J**	**34.9**	**47.4**	**23.9**	**28.1**	**9.5 J**	**15.3 J**	1.8 B	**74.7**	**16.8**	**48.9 J**
Selenium	mg/kg	5,800	4.4 U	4.3 U	4.3 U	3.8 U	3.8 U	3.5 U	4.2 U	4.2 U	4.3 U	4.4 U	3.9 U
Silver	mg/kg	5,800	3.3 U	3.2 U	3.2 U	2.9 U	2.8 U	2.6 U	3.1 U	3.1 U	1.1 B	3.3 U	2.9 U
Thallium	mg/kg	12	10.9 U	10.7 U	10.6 U	9.6 U	9.4 U	8.8 U	10.4 U	10.5 U	10.7 U	11 U	9.6 U
Vanadium	mg/kg	5,800	**46.4**	**285**	**6,740**	**916**	**304**	**9.4**	**13.9**	**9.5**	**96.6**	**19.2**	**126 J**
Zinc	mg/kg	350,000	**426 J**	**178**	**431**	**514**	**678**	**150 J**	**463 J**	**27.7 J**	**470**	**54.9**	**223 J**
Other													
Cyanide	mg/kg	150	**0.68 J-**	**0.61 J**	**0.37 J**	**1.1**	**0.68**	0.52 UJ	0.59 UJ	**0.23 J-**	0.53 B	0.28 B	**0.66 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-092-SB-5	B1-092-SB-10	B1-093-SB-1*	B1-093-SB-5*	B1-094-SB-1*	B1-094-SB-7*	B1-095-SB-1*	B1-095-SB-4*	B1-095-SB-10	B1-096-SB-1*	B1-096-SB-4*
Metals													
Aluminum	mg/kg	1,100,000	**3,650 J**	N/A	**10,600**	**23,900**	**46,300**	**38,600**	**1,860**	**17,500**	N/A	**11,900**	**21,100**
Antimony	mg/kg	470	2.9 UJ	N/A	3.2 U	3.7 U	4.1 U	4.2 U	2.8 U	3.1 U	N/A	3.2 U	**5**
Arsenic	mg/kg	3	**3.5**	2.9 U	**14.2**	**40**	2.7 U	2.8 U	**10.5**	**5.7**	**14.8**	**15.2**	**33.3**
Barium	mg/kg	220,000	**27.1 J**	N/A	**109**	**794**	**1,230**	**568**	**61.3**	**556**	N/A	**183**	**212**
Beryllium	mg/kg	2,300	**0.3 J**	N/A	**0.58 J**	**1.4**	**2.5**	**2.5**	**0.24 J**	**1.4**	N/A	**0.7 J**	**0.78 J**
Cadmium	mg/kg	980	0.17 B	N/A	0.98 B	0.67 B	**0.37 J**	**0.53 J**	**0.52 J**	**0.93 J**	N/A	**1.6**	**6**
Chromium	mg/kg	120,000	**8 J**	N/A	**74.1**	**337**	**55.1**	**47.2**	**362**	**1,470**	N/A	**399**	**461**
Chromium VI	mg/kg	6.3	1.1 UJ	N/A	0.3 B	0.31 B	0.33 B	0.36 B	0.5 B	0.49 B	N/A	0.35 B	0.34 B
Cobalt	mg/kg	350	**2.4 J**	N/A	**7.4**	**6.7**	**2 J**	**1.9 J**	**14**	**4.8 J**	N/A	**14.1**	**29.5**
Copper	mg/kg	47,000	**29.2 J**	N/A	**48.4**	**54.9**	**46.2**	**28.6**	**274**	**48**	N/A	**184**	**699**
Iron	mg/kg	820,000	**18,700 J**	N/A	**29,200**	**56,100**	**7,080**	**5,600**	**260,000**	**97,600**	N/A	**115,000**	**143,000**
Lead	mg/kg	800	**67.2 J**	N/A	**279**	**76.6**	3.4 U	**10**	**43.5**	**52.7**	N/A	**365**	**1,600**
Manganese	mg/kg	26,000	**1,060 J**	N/A	**1,480**	**19,600**	**1,140**	**984**	**3,210**	**41,300**	**3,890**	**24,600**	**4,430**
Mercury	mg/kg	350	**0.0034 J-**	N/A	**0.13**	**0.011 J**	0.16 U	0.14 U	**0.022 J**	**0.0064 J**	N/A	**0.15**	**0.14**
Nickel	mg/kg	22,000	**4.9 J**	N/A	**20.9**	**28.1**	**8.7 J**	**5.2 J**	**261**	**19.5**	N/A	**62.3**	**368**
Selenium	mg/kg	5,800	3.8 U	N/A	4.3 U	5 U	**8.4**	**6.3**	3.7 U	4.1 U	N/A	4.2 U	4.3 U
Silver	mg/kg	5,800	2.9 U	N/A	3.2 U	3.7 U	4.1 U	4.2 U	**3.6**	3.1 U	N/A	3.2 U	**1.4 J**
Thallium	mg/kg	12	9.5 U	N/A	10.7 U	10 U	11 U	11.1 U	9.3 U	10.3 U	N/A	10.6 U	10.8 U
Vanadium	mg/kg	5,800	**12.7 J**	N/A	**104**	**986**	**24.6**	**30.9**	**79.2**	**5,670**	N/A	**706**	**178**
Zinc	mg/kg	350,000	**38.6 J**	N/A	**385**	**133**	**2.6 J**	**30.2**	**144**	**189**	N/A	**524**	**1,500**
Other													
Cyanide	mg/kg	150	0.2 B	N/A	**0.8**	**1.6**	**3.1**	**3.4**	**0.079 J**	**1.4**	N/A	**3**	**1**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-096-SB-10	B1-097-SB-1*	B1-097-SB-5*	B1-097-SB-10	B1-098-SB-1*	B1-098-SB-5*	B1-099-SB-1	B1-099-SB-5	B1-100-SB-1	B1-100-SB-5	B1-101-SB-1
Metals													
Aluminum	mg/kg	1,100,000	N/A	**11,600**	**29,700**	N/A	**2,060**	**22,600**	**2,910**	**82,100**	**3,020**	**3,120**	**6,040**
Antimony	mg/kg	470	N/A	3.1 U	3.3 U	N/A	3 U	**1.9 J**	2.9 UJ	**6 J**	2.8 UJ	2.9 UJ	3 UJ
Arsenic	mg/kg	3	**23.5**	**31.4**	**7**	**4.5**	**18**	**7.4**	**15.1**	**7.5**	**23.5**	**20.2**	**7.6**
Barium	mg/kg	220,000	N/A	**109**	**492**	N/A	**19.7**	**568**	**17.7 J**	**961 J**	**23.2 J**	**27.8 J**	**59.1 J**
Beryllium	mg/kg	2,300	N/A	**0.63 J**	**1.4**	N/A	1 U	1.1 U	0.19 B	**4.4**	0.2 B	0.98 U	**0.33 J**
Cadmium	mg/kg	980	N/A	1.1 B	0.52 B	N/A	0.15 B	1.3 B	**0.3 J**	**3.2**	**0.65 J**	**0.22 J**	**1.5**
Chromium	mg/kg	120,000	N/A	**735**	**1,070**	N/A	**140**	**1,520**	**114**	**398**	**209**	**80.8**	**779**
Chromium VI	mg/kg	6.3	N/A	1.1 U	1.1 U	N/A	1.1 U	1.1 U	1.1 U	1.9 U	1.1 U	1.1 U	1.1 UJ
Cobalt	mg/kg	350	N/A	**10.7**	**5.6**	N/A	**20.6**	**7.9**	**14.1**	**25.5**	**17.6**	**23.1**	**49.2 J**
Copper	mg/kg	47,000	N/A	**183**	**33.5**	N/A	**187**	**135**	**192 J**	**271 J**	**168 J**	**196 J**	**164 J**
Iron	mg/kg	820,000	N/A	**228,000**	**94,300**	N/A	**406,000**	**71,800**	**276,000 J**	**50,200 J**	**266,000 J**	**209,000 J**	**144,000**
Lead	mg/kg	800	**693**	**64.7**	**16.8**	N/A	**64.8**	**151**	**94.5**	**19.5**	**141**	**29.4**	**120 J**
Manganese	mg/kg	26,000	N/A	**14,500**	**35,400**	**2,600**	**2,750**	**40,800**	**2,660**	**5,760**	**2,720**	**2,410**	**15,800**
Mercury	mg/kg	350	N/A	**0.095 J**	0.1 U	N/A	**0.0092 J**	**0.037 J**	**0.071 J**	**0.032 J**	**2.6 J**	**0.034 J**	**0.14 J-**
Nickel	mg/kg	22,000	N/A	**105**	**20.4**	N/A	**282**	**29.2**	**127**	**367**	**168**	**107**	**52 J**
Selenium	mg/kg	5,800	N/A	4.1 U	4.3 U	N/A	4 U	4.4 U	3.9 U	7.1 U	3.8 U	3.9 U	3.8 B
Silver	mg/kg	5,800	N/A	3.1 U	3.3 U	N/A	**5.7**	3.3 U	**5.1**	5.3 U	**4.9**	**3.8**	3 U
Thallium	mg/kg	12	N/A	10.3 U	10.9 U	N/A	10 U	11.1 U	9.6 U	7.1 U	9.4 U	9.8 U	10 U
Vanadium	mg/kg	5,800	N/A	**1,030**	**6,060**	**59.9**	**15.4**	**9,140**	**27.3**	**109**	**82.3**	**20.5**	**1,800**
Zinc	mg/kg	350,000	N/A	**164**	**35.8**	N/A	**44.8**	**204**	**56.5**	**52.6**	**332**	**71**	**415 J**
Other													
Cyanide	mg/kg	150	N/A	0.39 B	**1.6**	N/A	**1.2**	**0.54 J**	**0.32 J-**	**7.8 J-**	**2.3 J-**	**0.53 J-**	**1.3 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-101-SB-5	B1-102-SB-1	B1-102-SB-4.5	B1-103-SB-1	B1-103-SB-5	B1-104-SB-1	B1-104-SB-5	B1-105-SB-1	B1-105-SB-5	B1-106-SB-1	B1-106-SB-5
Metals													
Aluminum	mg/kg	1,100,000	**12,100**	**3,920**	**25,800**	**8,070 J**	**637 J**	**20,300 J**	**14,900 J**	**10,000 J**	**7,280 J**	**8,090 J**	**7,400 J**
Antimony	mg/kg	470	3.1 UJ	3.2 UJ	2.9 UJ	2.9 U	2.7 U	3.3 U	3 U	3 U	2.8 U	3.3 U	3.1 U
Arsenic	mg/kg	3	**24.3**	2.7 U	**12.4**	**16.5**	**23.4**	**3.7**	**5.2**	**11.7**	**6.1**	**3.8**	**3.6**
Barium	mg/kg	220,000	**105 J**	**227 J**	**306 J**	**52.5**	9.2 B	**251**	**51.1**	**86.3**	**51**	**37.2**	**32.7**
Beryllium	mg/kg	2,300	**0.45 J**	**0.28 J**	**3.8**	0.52 B	0.92 U	**2.5**	0.2 B	0.68 B	0.33 B	1.1 U	1 U
Cadmium	mg/kg	980	**7.1**	1.1 B	**1.9**	**2.1**	0.88 B	1.1 B	0.56 B	**2**	0.72 B	0.5 B	0.44 B
Chromium	mg/kg	120,000	**1,550**	**61.5**	**176**	**324**	**81.1**	**137**	**1,270**	**796**	**2,150**	**1,420**	**1,230**
Chromium VI	mg/kg	6.3	1.1 UJ	1 UJ	1.1 UJ	**0.74 J-**	1 UJ	1.1 UJ	**2.8 J-**	1.2 UJ	**7.4 J-**	**3 J-**	**6.3 J-**
Cobalt	mg/kg	350	**694 J**	**2 J**	**16.1 J**	**8.2**	**10.3**	3 B	2.2 B	**9.1**	2.6 B	0.35 B	**2 J**
Copper	mg/kg	47,000	**193 J**	**32.4 J**	**129 J**	**152 J**	**174 J**	**27.6 J**	**39.8 J**	**173 J**	**30.8 J**	**13.9 J**	**28.2 J**
Iron	mg/kg	820,000	**210,000**	**38,900**	**104,000**	**208,000 J**	**205,000 J**	**39,700 J**	**177,000 J**	**187,000 J**	**256,000 J**	**163,000 J**	**232,000 J**
Lead	mg/kg	800	**130 J**	**22.1 J**	**137 J**	**98.8 J**	**51.7 J**	**127 J**	**15.6 J**	**470 J**	2.3 UJ	**3.4 J**	2.6 UJ
Manganese	mg/kg	26,000	**38,500**	**1,490**	**4,980**	**8,420**	**1,270**	**5,020**	**28,000**	**13,900**	**42,300**	**36,700**	**28,400**
Mercury	mg/kg	350	**0.14 J-**	**0.021 J-**	0.11 UJ	**2**	**0.74**	0.11 U	**0.13**	**0.98**	0.1 U	0.11 U	0.1 U
Nickel	mg/kg	22,000	**132 J**	**13.2 J**	**39.3 J**	**97 J**	**126 J**	**20.4 J**	**29.6 J**	**88.3 J**	**19.5 J**	10.9 B	**21.5 J**
Selenium	mg/kg	5,800	**5.4**	4.3 U	3.9 U	3.8 U	3.7 U	4.4 U	4 U	4 U	3.7 U	4.4 U	4.1 U
Silver	mg/kg	5,800	3.1 U	3.2 U	2.9 U	2.6 B	**2.9**	3.3 U	2.2 B	1.7 B	**4.1**	1.3 B	2.3 B
Thallium	mg/kg	12	10.4 U	10.7 U	9.8 U	9.6 U	9.2 U	11 U	10 U	9.9 U	9.3 U	11.1 U	10.4 U
Vanadium	mg/kg	5,800	**2,960**	**24.8**	**834**	**118**	**9.2**	**113**	**499**	**233**	**601**	**768**	**517**
Zinc	mg/kg	350,000	**845 J**	**463 J**	**301 J**	**221 J**	**32.3 J**	**101 J**	**83.4 J**	**395 J**	**38.3 J**	**13.6 J**	**27.8 J**
Other													
Cyanide	mg/kg	150	**1.7 J-**	**0.27 J-**	**1 J-**	**0.64 J-**	0.62 UJ	**0.22 J-**	**0.054 J-**	**0.22 J-**	**0.059 J-**	**0.048 J-**	**0.15 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-107-SB-1*	B1-107-SB-5*	B1-108-SB-1*	B1-108-SB-4.5*	B1-109-SB-1*	B1-109-SB-4*	B1-110-SB-1*	B1-110-SB-5*	B1-111-SB-1*	B1-111-SB-4*
Metals												
Aluminum	mg/kg	1,100,000	**23,600**	**22,400**	**17,000**	**4,970**	**10,500**	**40,000**	**9,590**	**13,400**	**39,100**	**32,300**
Antimony	mg/kg	470	3.3 U	3.3 U	3.3 U	3.5 U	3.1 U	3.2 U	2.9 U	2.9 U	3.1 U	3.2 U
Arsenic	mg/kg	3	**6.4**	**7.9**	**7.4**	**82.3**	**17**	**4.2**	**36.1**	**11.9**	**2.5 J**	**7**
Barium	mg/kg	220,000	**265**	**244**	**182**	**42.7**	**128**	**493**	**105**	**404**	**423**	**157**
Beryllium	mg/kg	2,300	**3.5**	**4**	**2.4**	**0.57 J**	**1.3**	**5.3**	**1.4**	0.98 U	**6.6**	**2.1**
Cadmium	mg/kg	980	1.4 B	1.6 B	1.9 B	1.2 B	0.77 B	0.59 B	1.4 B	0.45 B	**0.37 J**	**0.39 J**
Chromium	mg/kg	120,000	**104**	**103**	**253**	**210**	**340**	**43.9**	**232**	**2,080**	**58**	**451**
Chromium VI	mg/kg	6.3	1.1 U	1.1 U	1.1 U	1.2 U	0.4 B	0.31 B	1.1 U	**0.27 J**	1.1 U	1.1 U
Cobalt	mg/kg	350	**11.7**	**12.7**	**12.4**	**48.3**	**15.7**	**5.6**	**21.6**	**6.6**	**1.2 J**	**2.4 J**
Copper	mg/kg	47,000	**149**	**130**	**174**	**385**	**181**	**35.9**	**198**	**44**	**17.3**	**19**
Iron	mg/kg	820,000	**175,000**	**178,000**	**198,000**	**456,000**	**355,000**	**51,900**	**373,000**	**118,000**	**31,600**	**130,000**
Lead	mg/kg	800	**153**	**158**	**115**	**105**	**103**	**35.3**	**139**	**24.5**	**38**	**10.4**
Manganese	mg/kg	26,000	**3,610**	**4,570**	**17,800**	**4,280**	**8,100**	**6,840**	**4,890**	**53,900**	**4,230**	**16,400**
Mercury	mg/kg	350	**0.0039 J**	**0.043 J**	**0.0039 J**	**0.035 J**	**0.021 J**	0.11 U	**0.028 J**	**0.03 J**	0.099 U	**0.0061 J**
Nickel	mg/kg	22,000	**59.2**	**77.6**	**114**	**938**	**102**	**19.8**	**149**	**22.9**	**8.2 J**	**28.9**
Selenium	mg/kg	5,800	4.4 U	4.3 U	4.3 U	4.6 U	4.2 U	**3 J**	3.8 U	3.9 U	**2.9 J**	4.2 U
Silver	mg/kg	5,800	**2 J**	**1.7 J**	**2 J**	**6.4**	**3.9**	3.2 U	**4.9**	2.9 U	3.1 U	3.2 U
Thallium	mg/kg	12	10.9 U	10.9 U	10.8 U	11.6 U	10.5 U	10.6 U	9.5 U	9.8 U	10.3 U	10.6 U
Vanadium	mg/kg	5,800	**72.6**	**114**	**283**	**27**	**156**	**76.9**	**74.3**	**11,700**	**33.1**	**324**
Zinc	mg/kg	350,000	**350**	**333**	**337**	**174**	**237**	**60.4**	**1,090**	**50.2**	**39.3**	**71**
Other												
Cyanide	mg/kg	150	0.4 B	**0.65 J**	0.38 B	0.21 B	**0.83**	0.51 B	**0.78**	**0.62**	**0.97**	**0.27 J**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-112-SB-1*	B1-112-SB-5*	B1-113-SB-1*	B1-113-SB-5*	B1-114-SB-1*	B1-115-SB-1	B1-116-SB-1	B1-116-SB-5	B1-117-SB-1*	B1-117-SB-4.5*	B1-118-SB-1*
Metals													
Aluminum	mg/kg	1,100,000	**15,800**	**9,360**	**11,600**	**6,710**	**8,820**	**13,100**	**42,800**	**5,810**	**21,200**	**15,500**	**8,970**
Antimony	mg/kg	470	3.4 U	3.1 U	3 U	2.8 U	2.8 U	3.3 UJ	2.9 UJ	3 UJ	3 U	2.8 U	2.8 U
Arsenic	mg/kg	3	**13.7**	**17**	**15.5**	**5.7**	**3.1**	**27.1**	2.4 U	**4.7**	**9**	**3.8**	2.3 U
Barium	mg/kg	220,000	**159**	**39.5**	**67.7**	**34.4**	**33.1**	**67.9 J**	**47.7 J**	**25 J**	**260**	**93**	**41.7**
Beryllium	mg/kg	2,300	**2**	**0.27 J**	**0.59 J**	0.95 U	0.94 U	0.61 B	**0.52 J**	0.99 U	**3.1**	**1.9**	0.94 U
Cadmium	mg/kg	980	**0.3 J**	**0.54 J**	**0.6 J**	0.34 B	**0.46 J**	**1.5 J**	0.47 B	1.5 U	**0.95 J**	**0.27 J**	**0.35 J**
Chromium	mg/kg	120,000	**417**	**658**	**635**	**1,530**	**1,420**	**305**	**769**	**26.3**	**210**	**549**	**1,100**
Chromium VI	mg/kg	6.3	1.1 U	1.1 U	1.2 U	**10.4**	**2.8**	1.2 U	**1.2**	1.1 U	**0.47 J**	**555**	**1.4**
Cobalt	mg/kg	350	**3.3 J**	**5.8**	**7.1**	**0.33 J**	**1.4 J**	**23.5**	**0.75 J**	**1.1 J**	**2.8 J**	**1.7 J**	**0.7 J**
Copper	mg/kg	47,000	**19.7**	**35.4**	**77.1**	**25.6**	**19.7**	**364**	**24.6**	**75.4**	**47.4**	**19.9**	**21.6**
Iron	mg/kg	820,000	**257,000**	**333,000**	**328,000**	**174,000**	**203,000**	**232,000 J**	**147,000**	**33,100**	**67,200**	**132,000**	**191,000**
Lead	mg/kg	800	2.8 U	**8.7**	**80.9**	**3.3**	**2.5**	**352**	**35**	**19.2**	**709**	**5.9**	**5.9**
Manganese	mg/kg	26,000	**9,200**	**16,000**	**16,000**	**34,600**	**29,000**	**7,060**	**24,200**	**323**	**6,430**	**13,000**	**24,700**
Mercury	mg/kg	350	0.1 U	**0.011 J**	**0.044 J**	0.11 U	**0.0054 J**	**8.6 J**	**0.056 J**	**0.0027 J**	**0.021 J**	**0.015 J**	**0.018 J**
Nickel	mg/kg	22,000	**13.9**	**34.4**	**54.3**	**14.1**	**16**	**289**	**14.1 J**	**12.6 J**	**15.9**	**16.3**	**15.9**
Selenium	mg/kg	5,800	**3.1 J**	4.2 U	4 U	3.8 U	3.7 U	4.4 U	3.9 U	4 U	4 U	3.8 U	3.8 U
Silver	mg/kg	5,800	**2.5 J**	**3.1**	**3.6**	**2.2 J**	**1.5 J**	**2.3 J**	2.9 U	3 U	3 U	**1.2 J**	**1.8 J**
Thallium	mg/kg	12	11.2 U	10.4 U	10 U	9.5 U	9.4 U	11 U	9.8 U	9.9 U	10 U	9.5 U	9.4 U
Vanadium	mg/kg	5,800	**174**	**351**	**304**	**706**	**959**	**120 J**	**576**	**32.8**	**145**	**352**	**773**
Zinc	mg/kg	350,000	**35.7**	**72.4**	**137**	**15.2**	**47.4**	**553 J**	**89.8 J**	**21.1 J**	**399**	**100**	**232**
Other													
Cyanide	mg/kg	150	**0.68**	**0.46 J**	**0.54 J**	**0.14 J**	**0.5 J**	**1.9 J-**	**1.2 J-**	0.56 UJ	**2.4**	0.39 B	**3.1**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-118-SB-5*	B1-119-SB-1	B1-119-SB-5	B1-119-SB-10*	B1-120-SB-1	B1-121-SB-1	B1-122-SB-1	B1-123-SB-1	B1-124-SB-1	B1-125-SB-1	B1-126-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**10,700**	**8,540**	**7,550**	N/A	**21,300**	**15,700**	**11,700**	**13,900 J**	**16,500**	**11,700**	**19,600**
Antimony	mg/kg	470	2.9 U	3.3 UJ	3.2 UJ	N/A	2.9 UJ	3 UJ	3.1 UJ	3 UJ	3 UJ	3.4 UJ	2.7 UJ
Arsenic	mg/kg	3	**10.2**	**6.1**	**7.4**	**6.1**	**7.7**	**7.6**	**12.1**	**6.2**	**9.6**	**14.7**	**2.7**
Barium	mg/kg	220,000	**108**	**45.4 J**	**89.9 J**	N/A	**214 J**	**192**	**123**	**94.6 J**	**244**	**145**	**80.2 J**
Beryllium	mg/kg	2,300	**0.87 J**	0.32 B	0.51 B	N/A	**1.8**	**1.9**	0.87 B	**0.57 J**	**2.3**	1.1 B	**0.22 J**
Cadmium	mg/kg	980	**2.9**	0.53 B	0.95 B	N/A	**3.8**	**2**	**2.1**	0.94 B	**1.8**	**2**	**1.1 J**
Chromium	mg/kg	120,000	**459**	**1,060**	**1,130**	N/A	**298**	**208**	**315**	**844 J**	**187**	**355**	**880**
Chromium VI	mg/kg	6.3	**0.39 J**	**3.3**	**1.3 J-**	N/A	**0.62 J**	1.1 UJ	1.1 UJ	**0.65 J-**	1.2 UJ	1.1 UJ	1.1 UJ
Cobalt	mg/kg	350	**13.7**	4.4 B	**3.3 J**	N/A	**9.9**	**5.8**	**8.3**	**5.1 J**	**7.6**	**16.7**	**2.4 J**
Copper	mg/kg	47,000	**102**	**45.6 J**	**68.6 J**	N/A	**132 J**	**303**	**131**	**69.9 J**	**126**	**172**	**51.2 J**
Iron	mg/kg	820,000	**216,000**	**242,000**	**245,000**	N/A	**122,000 J**	**88,500**	**131,000**	**177,000 J**	**91,300**	**188,000**	**162,000**
Lead	mg/kg	800	**232**	**36.5 J**	**61.3 J**	N/A	**603**	**192**	**360**	**174 J**	**253**	**350**	**36 J**
Manganese	mg/kg	26,000	**7,520**	**24,800**	**22,500**	N/A	**9,290**	**9,010**	**6,640**	**17,800 J**	**5,360**	**7,180**	**22,000**
Mercury	mg/kg	350	**0.29**	**0.39 J-**	**0.056 J-**	N/A	**5.4 J**	**0.021 J**	**0.96**	**0.29 J-**	**1.5**	**0.73**	**0.042 J-**
Nickel	mg/kg	22,000	**79.6**	**71.3 J**	**34.8 J**	N/A	**60.1**	**33.5**	**95.7**	**55.9 J**	**40.6**	**102**	**19.3 J**
Selenium	mg/kg	5,800	3.8 U	4.4 U	4.2 U	N/A	3.9 U	4 U	4.1 U	4 U	4 U	4.6 U	3.7 U
Silver	mg/kg	5,800	**2.7 J**	1.2 B	2.3 B	N/A	2.4 B	0.77 B	1.2 B	1.8 B	3 U	2.1 B	**0.77 J**
Thallium	mg/kg	12	9.5 U	10.9 UJ	10.5 UJ	N/A	9.8 U	10 U	10.4 U	9.9 U	10.1 U	11.4 U	9.1 U
Vanadium	mg/kg	5,800	**192**	**834**	**536**	N/A	**214**	**182**	**248**	**547 J**	**168**	**399**	**578**
Zinc	mg/kg	350,000	**232**	**125 J**	**229 J**	N/A	**7,700**	**906**	**1,080**	**471 J**	**1,140**	**1,120**	**662 J**
Other													
Cyanide	mg/kg	150	**3.2**	**0.9 J-**	**0.99 J-**	N/A	**7.1 J-**	**1.4 J-**	**3 J-**	**2.2 J-**	**1.7 J-**	0.51 B	**0.46 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-127-SB-1	B1-127-SB-6	B1-128-SB-1	B1-129-SB-1	B1-129-SB-5	B1-130-SB-1*	B1-130-SB-9*	B1-131-SB-1*	B1-131-SB-4*	B1-132-SB-1	B1-132-SB-5
Metals													
Aluminum	mg/kg	1,100,000	**13,400**	**34,800**	**8,750**	**21,100**	**22,500**	**22,400**	**7,710**	**14,000**	**20,900**	**20,100**	**26,700**
Antimony	mg/kg	470	3.5 UJ	3.2 UJ	3.1 UJ	2.9 UJ	3.2 UJ	3.3 U	2.8 U	3.3 U	3.4 U	3 UJ	3.5 UJ
Arsenic	mg/kg	3	**5.1**	**17**	2.6 U	**7.9**	**5.3**	**11.7**	**4.3**	**4**	**5.5**	**7.2**	**7.8**
Barium	mg/kg	220,000	**81.4 J**	**817 J**	**39.5 J**	**146 J**	**188 J**	**375**	**67.5**	**97.6**	**294**	**249**	**995**
Beryllium	mg/kg	2,300	**0.36 J**	**2.7**	1 U	**1.2**	**2.6**	**1.6**	**0.75 J**	**0.33 J**	**2**	**2.8**	**1.6**
Cadmium	mg/kg	980	1.6 B	**3.1**	**1.3 J**	**1.9**	**1.3 J**	**1.3 J**	**0.65 J**	**0.91 J**	**1.4 J**	**2.6**	**1.9**
Chromium	mg/kg	120,000	**880**	**427**	**186**	**937**	**153 J**	**218**	**10.6**	**755**	**132**	**278**	**149**
Chromium VI	mg/kg	6.3	1.2 UJ	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.5 B	0.4 B	1 B	0.41 B	1.1 UJ	1.2 UJ
Cobalt	mg/kg	350	**5.8 J**	**31.5 J**	**6.5 J**	**74.7 J**	**5.7 J**	**14.8**	**9**	**4.8 J**	**8.2**	**6.4**	**18.8**
Copper	mg/kg	47,000	**76.7 J**	**282 J**	**34.1 J**	**85.2 J**	**87.2 J**	**237**	**22.6**	**46.5**	**85.1**	**82.3**	**197**
Iron	mg/kg	820,000	**190,000**	**111,000**	**50,400**	**147,000**	**121,000**	**75,900**	**10,600**	**152,000**	**57,000**	**89,400**	**63,500**
Lead	mg/kg	800	**47.4 J**	**420 J**	**42.5 J**	**77.7 J**	**109 J**	**433**	**213**	**989**	**187**	**295**	**10,600**
Manganese	mg/kg	26,000	**23,300**	**5,700**	**7,910**	**82,500**	**5,520**	**3,540**	**386**	**15,500**	**5,680**	**7,380**	**3,140**
Mercury	mg/kg	350	**0.043 J-**	**0.068 J-**	**0.3 J-**	**0.013 J-**	**0.011 J-**	**0.059 J**	**0.33**	**0.018 J**	**0.097 J**	**0.99**	**0.079 J**
Nickel	mg/kg	22,000	**32.6 J**	**138 J**	**18.2 J**	**58.4 J**	**38.8 J**	**43.7**	**10.5**	**47.5**	**29.1**	**45.4**	**80.4**
Selenium	mg/kg	5,800	4.7 U	4.3 U	4.2 U	3.8 U	4.3 U	4.4 U	3.7 U	4.4 U	4.5 U	**2.7 J**	4.6 U
Silver	mg/kg	5,800	1.2 B	3.2 U	3.1 U	**7.2**	3.2 U	3.3 U	2.8 U	3.3 U	3.4 U	3 U	2.6 B
Thallium	mg/kg	12	11.7 U	10.6 U	10.5 U	9.5 U	10.7 U	11.1 U	9.3 U	10.9 U	11.2 U	10.1 U	11.5 U
Vanadium	mg/kg	5,800	**572**	**507**	**115**	**523**	**115**	**286**	**12.4**	**398**	**137**	**230**	**199**
Zinc	mg/kg	350,000	**1,500 J**	**831 J**	**704 J**	**708 J**	**243 J**	**515**	**191**	**382**	**262**	**1,800**	**952**
Other													
Cyanide	mg/kg	150	**0.71 J-**	**3.8 J-**	**2.3 J-**	**5 J-**	**0.66 J-**	**1.6**	**0.19 J**	**0.71**	**0.4 J**	**3.2 J-**	0.28 B

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-133-SB-1	B1-133-SB-5	B1-134-SB-1	B1-134-SB-5	B1-135-SB-1*	B1-135-SB-5*	B1-136-SB-1	B1-136-SB-5	B1-137-SB-1*	B1-137-SB-5*	B1-138-SB-1
Metals													
Aluminum	mg/kg	1,100,000	**15,700**	**26,600 J**	**11,700**	**21,300**	**13,300**	**12,400**	**13,400 J**	**2,490**	**11,900**	**78,100**	**9,660**
Antimony	mg/kg	470	2.8 UJ	2.3 B	2.8 UJ	3.6 UJ	2.9 U	2.9 U	3.4 UJ	3.2 UJ	2.9 U	3.5 U	2.8 UJ
Arsenic	mg/kg	3	**15.6**	**6.8**	**14.3**	**8**	2.4 U	**3.4**	**9.5**	2.7 U	**15.2**	**3.3**	**17.7 J**
Barium	mg/kg	220,000	**259**	**279 J**	**322**	**387**	**232**	**120**	**187 J**	**21.9**	**162**	**1,810**	**132**
Beryllium	mg/kg	2,300	**0.95**	**3.3**	**0.96**	**1.3**	**0.54 J**	**1.8**	**1.4**	1.1 U	**1.3**	**3.8**	**0.73 J**
Cadmium	mg/kg	980	1.3 B	0.76 B	0.83 B	0.56 B	0.38 B	0.52 B	1.5 B	1.6 U	0.51 B	0.52 B	**3.3**
Chromium	mg/kg	120,000	**3,110**	**103 J**	**34.4**	**215**	**949**	**72.2**	**79.3 J**	**6.9**	**143**	**1,130**	**77**
Chromium VI	mg/kg	6.3	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	**13.8**	0.26 B	1.1 UJ	1.2 U	0.31 B	0.33 B	0.35 B
Cobalt	mg/kg	350	**6.9**	**6.4 J**	**11.1**	**14.7**	**1.7 J**	**3.3 J**	**12.7 J**	**1 J**	**22.6**	**14.1**	**41.7**
Copper	mg/kg	47,000	**131**	**81.6 J**	**121**	**51.2**	**34.1**	**30.5**	**79.3 J**	**2.9 J**	**123**	**38.6**	**162**
Iron	mg/kg	820,000	**213,000**	**41,000 J**	**51,700**	**15,400**	**166,000**	**58,100**	**174,000 J**	**7,110**	**280,000**	**18,300**	**78,700 J**
Lead	mg/kg	800	**158**	**95 J**	**137**	**44.1**	**7.2**	**18.5**	**90.1 J**	**4.6**	**352**	**4.1**	**291**
Manganese	mg/kg	26,000	**20,600**	**2,650 J**	**2,120**	**1,230**	**18,900**	**3,520**	**2,780 J**	**32.1**	**5,520**	**3,240**	**4,240**
Mercury	mg/kg	350	**0.21**	**0.017 J-**	**0.0035 J**	**0.016 J**	0.1 U	**0.008 J**	**0.13 J-**	**0.0077 J**	0.1 U	0.11 U	**0.1 J+**
Nickel	mg/kg	22,000	**65.7**	**21.5 J**	**19.3**	**32.3**	**19.7**	**15.1**	**77.7 J**	**1.8 J**	**68.5**	**97.7**	**47 J**
Selenium	mg/kg	5,800	3.7 U	4 U	3.7 U	4.8 U	3.9 U	3.9 U	4.6 U	4.3 U	3.9 U	**6.8**	3.7 U
Silver	mg/kg	5,800	1.2 B	3 U	2.8 U	3.6 U	**1 J**	2.9 U	1.7 B	3.2 U	**3.2**	3.5 U	**1.4 J**
Thallium	mg/kg	12	9.3 U	10.1 U	9.3 U	12 U	9.8 U	9.7 U	11.5 U	10.7 U	9.7 U	11.5 U	9.3 UJ
Vanadium	mg/kg	5,800	**1,040**	**45.2 J**	**69.8**	**84.2**	**535**	**74.3**	**84.3 J**	**8.9**	**120**	**54.3**	**108**
Zinc	mg/kg	350,000	**301**	**189 J**	**225**	**122**	**99.4**	**97.2**	**257 J**	**9.7**	**163**	**3.3 J**	**974**
Other													
Cyanide	mg/kg	150	**1 J-**	0.47 B	**1.2 J-**	**5.9 J-**	**0.068 J**	**0.099 J**	0.37 B	0.069 B	**0.2 J**	**2.8**	**0.94 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-138-SB-7.5	B1-139-SB-1	B1-139-SB-5	B1-140-SB-1*	B1-140-SB-5*	B1-141-SB-1*	B1-142-SB-1*	B1-142-SB-5*	B1-142-SB-10	B1-143-SB-1	B1-143-SB-4.5
Metals													
Aluminum	mg/kg	1,100,000	**7,730**	**17,900**	**5,340**	**47,000**	**15,900**	**29,000**	**38,500**	**16,400**	N/A	**10,200 J**	**9,770 J**
Antimony	mg/kg	470	**9.9 J**	3.2 UJ	3.2 UJ	3.1 U	3.1 U	2.9 U	3 U	3.4 U	N/A	2.7 U	3.4 U
Arsenic	mg/kg	3	**20 J**	**10.6 J**	**10.3 J**	**7.1**	**8.3**	**10.3**	**6.1**	**4.3**	**4.4**	**4.4**	**18.8**
Barium	mg/kg	220,000	**113**	**624**	**77.4**	**704**	**141**	**300**	**358**	**46.3**	N/A	**24.7**	**168**
Beryllium	mg/kg	2,300	**0.27 J**	**1.2**	**0.43 J**	**5.8**	**0.74 J**	**2.7**	**7.7**	**0.45 J**	N/A	0.89 U	**1.4**
Cadmium	mg/kg	980	**3.1**	**2.3**	**0.79 J**	**1.3 J**	**0.7 J**	**2.7**	**0.74 J**	1.7 U	N/A	0.5 B	1.4 B
Chromium	mg/kg	120,000	**390**	**173**	**14.2**	**44.1**	**381**	**136**	**52.2**	**23.6**	N/A	**1,410**	**93.2**
Chromium VI	mg/kg	6.3	0.57 B	0.52 B	0.23 B	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	N/A	**5 J-**	1.1 UJ
Cobalt	mg/kg	350	**57**	**14.8**	**10.5**	**5.3**	**9.3**	**10.7**	**2.9 J**	**4 J**	N/A	4.4 U	**19.1**
Copper	mg/kg	47,000	**471**	**159**	**46.3**	**30**	**83.5**	**91**	**52.8**	**8.7**	N/A	**13.5 J**	**227 J**
Iron	mg/kg	820,000	**202,000 J**	**85,000 J**	**24,100 J**	**30,700**	**64,700**	**63,300**	**37,000**	**22,400**	N/A	**164,000 J**	**54,700 J**
Lead	mg/kg	800	**440**	**435**	**727**	**74.7**	**255**	**148**	**59.1**	**9.4**	N/A	**10.2 J**	**295 J**
Manganese	mg/kg	26,000	**9,340**	**7,260**	**331**	**8,720**	**4,740**	**2,940**	**3,260**	**89**	N/A	**32,500**	**2,060**
Mercury	mg/kg	350	**0.069 J+**	**0.1 J+**	**0.0073 J+**	0.1 U	**0.04 J**	**0.0045 J**	0.11 U	**0.0067 J**	N/A	**0.0044 J**	**0.13**
Nickel	mg/kg	22,000	**60.8 J**	**46.5 J**	**30.1 J**	**8.8 J**	**42.7**	**34.8**	**16.8**	**9.1 J**	N/A	8.5 B	**83.7 J**
Selenium	mg/kg	5,800	4.1 U	4.3 U	4.3 U	**4.8**	4.1 U	**2.9 J**	4.1 U	4.5 U	N/A	3.5 U	4.5 U
Silver	mg/kg	5,800	**1.9 J**	3.2 U	3.2 U	3.1 U	3.1 U	2.9 U	3 U	3.4 U	N/A	1.7 B	3.4 U
Thallium	mg/kg	12	10.4 UJ	10.7 UJ	10.8 UJ	10.3 U	10.4 U	9.7 U	10.1 U	11.3 U	N/A	8.9 U	11.2 U
Vanadium	mg/kg	5,800	**1,310**	**344**	**35.1**	**133**	**1,320**	**81.2**	**54.9**	**35.8**	N/A	**835**	**69.9**
Zinc	mg/kg	350,000	**696**	**641**	**685**	**701**	**227**	**523**	**302**	**27**	N/A	**34.5 J**	**432 J**
Other													
Cyanide	mg/kg	150	**0.7 J-**	**0.67 J-**	**1.3 J-**	0.75 B	0.86 B	**3.9**	0.47 B	0.077 B	N/A	**0.16 J-**	**1.2 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-144-SB-1	B1-144-SB-5	B1-145-SB-1*	B1-145-SB-8.5*	B1-146-SB-1	B1-146-SB-5	B1-147-SB-1	B1-147-SB-5	B1-148-SB-1*	B1-149-SB-1*
Metals												
Aluminum	mg/kg	1,100,000	**18,600**	**30,300**	**13,500**	**14,800**	**19,200**	**49,900**	**8,000**	**2,620**	**8,740**	**10,900**
Antimony	mg/kg	470	3.3 UJ	3.5 UJ	3.3 U	2.9 U	3 UJ	4.9 UJ	3.1 UJ	2.6 U	2.9 U	2.8 U
Arsenic	mg/kg	3	**17.6**	**16.4**	2.7 U	**4.7**	**18.3**	**1.9**	**3.3 J**	**16.4 J**	**5.5**	**46**
Barium	mg/kg	220,000	**205**	**430**	**119**	**86.6**	**254 J**	**503 J**	**57.4**	**78.3 J**	**38.1**	**178**
Beryllium	mg/kg	2,300	**2.1**	**3.1**	**0.58 J**	**0.6 J**	**2.3**	**2.5**	1 U	**0.32 J**	0.96 U	**1.3**
Cadmium	mg/kg	980	**2.8**	**2.7**	**2**	**0.66 J**	**4.6**	**0.27 J**	0.29 B	**1.7**	0.54 B	**7.2**
Chromium	mg/kg	120,000	**381 J**	**165 J**	**864**	**168**	**652**	**416**	**1,060 J**	**243**	**1,760**	**149**
Chromium VI	mg/kg	6.3	1.1 U	1.1 U	0.9 B	0.27 B	**0.27 J**	1.6 U	**9.5 J-**	0.32 B	**16.4**	0.53 B
Cobalt	mg/kg	350	**15.2**	**19.6**	**3.3 J**	**9.3**	**18.3**	**17.8**	4 B	**43.5 J**	4.8 U	**19.6**
Copper	mg/kg	47,000	**178 J**	**156 J**	**68**	**25.2**	**248 J**	**50.6 J**	**101 J**	**389**	**19.4**	**520**
Iron	mg/kg	820,000	**126,000**	**62,900**	**193,000**	**44,600**	**182,000 J**	**25,000 J**	**282,000 J**	**297,000**	**157,000**	**141,000**
Lead	mg/kg	800	**624 J**	**634 J**	**99.4**	**53**	**1,380**	4.1 UJ	**5.8 J**	**249**	2.4 U	**438**
Manganese	mg/kg	26,000	**7,920**	**6,360**	**19,500**	**3,890**	**11,400**	**3,840**	**23,600**	**3,840**	**35,000**	**5,650**
Mercury	mg/kg	350	**0.04 J-**	**0.0034 J-**	**0.13**	**0.15**	**0.084 J**	0.15 U	0.11 U	**0.027 J**	**0.005 J**	**0.17**
Nickel	mg/kg	22,000	**75.8 J**	**112 J**	**27.6**	**16.9**	**88.7**	**119**	**63.7 J**	**139 J**	**16.3**	**143**
Selenium	mg/kg	5,800	4.4 U	4.6 U	4.4 U	3.8 U	4 U	6.5 U	4.2 U	3.4 U	3.9 U	3.7 U
Silver	mg/kg	5,800	3.3 U	3.5 U	3.3 U	2.9 U	**3.5**	4.9 U	3.1 U	**3.9**	**1.7 J**	**1.4 J**
Thallium	mg/kg	12	11 U	11.6 U	11 U	9.6 U	10.1 U	6.5 U	10.4 U	8.6 U	9.6 U	9.4 U
Vanadium	mg/kg	5,800	**543 J**	**249 J**	**495**	**133**	**314**	**34.2**	**946 J**	**68 J**	**938**	**234**
Zinc	mg/kg	350,000	**777 J**	**674 J**	**1,230**	**344**	**798**	4.4 B	**71.5 J**	**518**	**15.3**	**1,650**
Other												
Cyanide	mg/kg	150	**0.51 J-**	**0.84 J-**	**0.75**	**1**	**0.83 J-**	**10.9 J-**	0.13 B	0.19 B	0.58 U	**0.51 J**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-150-SB-1	B1-150-SB-8	B1-151-SB-1	B1-151-SB-5	B1-152-SB-1*	B1-152-SB-4*	B1-153-SB-1*	B1-153-SB-5*	B1-154-SB-1	B1-154-SB-5
Metals												
Aluminum	mg/kg	1,100,000	**43,000**	**17,500**	**13,000**	**68,100**	**16,100**	**13,300**	**35,300**	**18,000**	**17,500**	**13,000**
Antimony	mg/kg	470	2.7 UJ	3.3 UJ	3.4 UJ	4.3 UJ	3 U	3 U	3.1 U	3.6 U	2.8 UJ	3 UJ
Arsenic	mg/kg	3	**2.3**	**12.3**	**14.8**	**2.8 J**	**15.3**	**16.4**	**12.6**	**6**	2.3 U	2.5 U
Barium	mg/kg	220,000	**769 J**	**94.7 J**	**196 J**	**557 J**	**244**	**413**	**657**	**218**	**111 J**	**27.3 J**
Beryllium	mg/kg	2,300	**6.5**	**1.1 J**	**1.2**	**3.4**	**2.5**	**0.59 J**	**3.1**	**1.1 J**	**1.6**	0.98 U
Cadmium	mg/kg	980	0.99 B	0.4 B	**6.2**	0.7 B	**2.1**	**1.8**	**1.4 J**	**0.18 J**	**0.5 J**	0.37 B
Chromium	mg/kg	120,000	**59.9 J**	**24.5 J**	**233 J**	**248 J**	**143**	**1,010**	**118**	**38.4**	**1,090**	**1,500**
Chromium VI	mg/kg	6.3	0.26 B	0.3 B	0.36 B	0.42 B	0.26 B	0.35 B	1.1 U	1.2 U	1.1 UJ	1.1 UJ
Cobalt	mg/kg	350	3.2 B	**12.7**	**18.5**	3.8 B	**33.7**	**32.3**	**15.2**	**8.5**	0.7 B	4.9 U
Copper	mg/kg	47,000	**35.2**	**28.7**	**249**	**26.5**	**314**	**323**	**75**	**227**	**18 J**	**19.2 J**
Iron	mg/kg	820,000	**35,700 J**	**32,400 J**	**116,000 J**	**9,920 J**	**205,000**	**99,100**	**33,100**	**17,900**	**195,000**	**208,000**
Lead	mg/kg	800	**35.6 J**	**141 J**	**428 J**	3.6 U	**311**	**260**	**108**	**130**	**7.4 J**	**7.6 J**
Manganese	mg/kg	26,000	**6,290**	**494**	**5,210**	**3,640**	**2,110**	**8,860**	**6,810**	**1,600**	**26,700**	**30,600**
Mercury	mg/kg	350	0.11 U	**0.0068 J**	**0.12**	0.15 U	**0.057 J**	**0.04 J**	0.11 U	**0.22**	**0.011 J-**	0.1 UJ
Nickel	mg/kg	22,000	**18 J**	**18.5 J**	**48.4 J**	**19.8 J**	**91**	**228**	**82.6**	**15.4**	**15.5 J**	**15.8 J**
Selenium	mg/kg	5,800	**3.3 J**	4.5 U	4.5 U	5.8 U	4.1 U	4 U	4.1 U	4.8 U	3.7 U	3.9 U
Silver	mg/kg	5,800	2.7 U	3.3 U	**1 J**	4.3 U	**2.6 J**	**1.1 J**	3.1 U	3.6 U	1.4 B	2 B
Thallium	mg/kg	12	9.1 U	11.1 U	11.3 U	11.6 U	10.2 U	10.1 U	10.2 U	12 U	9.2 U	9.8 U
Vanadium	mg/kg	5,800	**101 J**	**33.6 J**	**491 J**	**22.9 J**	**48.8**	**151**	**163**	**66.2**	**777**	**887**
Zinc	mg/kg	350,000	**169 J**	**356 J**	**1,290 J**	**9 J**	**504**	**1,030**	**179**	**84.8**	**208 J**	**23 J**
Other												
Cyanide	mg/kg	150	0.48 B	0.26 B	**1.3 J-**	**8 J-**	**0.61**	**1.9**	0.52 B	**4**	**0.15 J-**	0.59 UJ

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-155-SB-1	B1-155-SB-5	B1-156-SB-1*	B1-156-SB-7*	B1-157-SB-1	B1-157-SB-8	B1-158-SB-1*	B1-158-SB-4.5*	B1-159-SB-1	B1-159-SB-5
Metals												
Aluminum	mg/kg	1,100,000	**23,700**	**13,300**	**32,100**	**24,100**	**12,500**	**29,600**	**8,750**	**13,600**	**5,860 J**	**1,600 J**
Antimony	mg/kg	470	3.4 UJ	**8.4 J**	3.2 U	3.1 U	2.8 UJ	3.1 UJ	3 U	3 U	3 UJ	4 UJ
Arsenic	mg/kg	3	**9.8**	**10**	**5.7**	**4**	**29.9**	**38.4**	**2.7**	**5.3**	**6**	2.7 U
Barium	mg/kg	220,000	**278 J**	**142 J**	**462**	**694**	**163 J**	**288 J**	**66.3**	**48.2**	**71.1 J**	**28.3 J**
Beryllium	mg/kg	2,300	**2.7**	**0.61 J**	**4.2**	**1.4**	**1**	**1.5**	**0.21 J**	1 U	0.42 B	1.3 U
Cadmium	mg/kg	980	1.5 B	0.26 B	1.9 B	1.2 B	**2.2**	0.43 B	0.17 B	0.31 B	**4.1**	2 U
Chromium	mg/kg	120,000	**56.6 J**	**25.8 J**	**142**	**56.8**	**157 J**	**4,460 J**	**1,340**	**1,590**	**131 J**	**13.5 J**
Chromium VI	mg/kg	6.3	0.31 B	0.34 B	0.49 B	0.58 B	0.35 B	0.29 B	**3.9**	**24.3**	1.2 UJ	1.4 UJ
Cobalt	mg/kg	350	**10.8**	**8.7**	**6.3**	**8.5**	**25.9**	**183**	5 U	**2.5 J**	**4.6 J**	**3.9 J**
Copper	mg/kg	47,000	**127**	**492**	**288**	**52.6**	**306**	**438**	**16.4**	**19**	**54.1 J**	**14.3 J**
Iron	mg/kg	820,000	**79,600 J**	**50,700 J**	**94,500**	**42,700**	**215,000 J**	**316,000 J**	**182,000**	**132,000**	**73,600 J**	**37,800 J**
Lead	mg/kg	800	**120 J**	**345 J**	**409**	**204**	**279 J**	**23.7 J**	**3.2**	**2.9**	**156 J**	**6.2 J**
Manganese	mg/kg	26,000	**3,340**	**434**	**7,610**	**7,270**	**2,910**	**14,300**	**26,900**	**41,000**	**3,660 J**	**452 J**
Mercury	mg/kg	350	**0.23**	**0.077 J**	**0.17**	0.12 U	**0.17**	0.12 U	0.12 U	**0.005 J**	**0.85 J-**	0.13 UJ
Nickel	mg/kg	22,000	**29.6 J**	**25.5 J**	**45.3**	**22.7**	**90.7 J**	**1,260 J**	**9.9 J**	**21.3**	**27.8 J**	**15.1 J**
Selenium	mg/kg	5,800	4.5 U	4.7 U	4.3 U	4.2 U	3.7 U	**2.6 J**	4 U	4 U	4 U	5.4 U
Silver	mg/kg	5,800	3.4 U	3.6 U	3.2 U	3.1 U	**2.8**	**3.3**	**1.5 J**	**1.7 J**	3 U	4 U
Thallium	mg/kg	12	11.3 U	11.9 U	10.8 U	10.5 U	9.3 U	10.2 U	10 U	10 U	9.9 U	10.7 U
Vanadium	mg/kg	5,800	**55.3 J**	**64.5 J**	**94.5**	**311**	**92.8 J**	**228 J**	**819**	**1,660**	**99.1 J**	**10.6 J**
Zinc	mg/kg	350,000	**215 J**	**112 J**	**463**	**302**	**571 J**	**25.3 J**	**17.8**	**18.7**	**2,530 J**	**15.6 J**
Other												
Cyanide	mg/kg	150	**1.4 J-**	**1 J-**	**2.4**	**1.2**	**2.2 J-**	**2.6 J-**	**0.28 J**	0.66 U	**2.2 J-**	0.12 B

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-160-SB-1	B1-160-SB-5	B1-161-SB-1	B1-162-SB-1	B1-162-SB-4	B1-163-SB-1	B1-163-SB-4	B1-163-SB-10	B1-164-SB-1	B1-164-SB-4
Metals												
Aluminum	mg/kg	1,100,000	**9,370**	**3,050 J**	**38,600 J**	**33,000**	**25,700**	**10,900**	**21,600**	N/A	**46,900**	**34,500**
Antimony	mg/kg	470	3.2 UJ	2.8 UJ	2.8 UJ	2.9 UJ	3.1 UJ	3 UJ	3.1 B	N/A	3 UJ	**195 J**
Arsenic	mg/kg	3	**19.4**	**7.8**	**6.3**	**4.3**	**27.1**	**31.4**	**24.3**	**18.4**	**4.7**	**7.7**
Barium	mg/kg	220,000	**132**	**32 J**	**365 J**	**1,090 J**	**314 J**	**112 J**	**507 J**	N/A	**674 J**	**474**
Beryllium	mg/kg	2,300	1.1 B	**0.2 J**	**5.7**	**3.1**	**1.6**	**1.5**	**2**	N/A	**5.8**	**1.8**
Cadmium	mg/kg	980	**3.2**	0.52 B	**1.8**	0.89 B	**11.2**	0.81 B	**1.7**	N/A	1.5 B	**1.5 J**
Chromium	mg/kg	120,000	**284**	**34 J**	**66.8 J**	**74.8 J**	**289 J**	**124 J**	**43.9 J**	N/A	**219 J**	**216 J**
Chromium VI	mg/kg	6.3	1.1 UJ	1.1 UJ	1.1 UJ	0.26 B	0.61 B	0.25 B	0.73 B	N/A	0.42 B	0.42 B
Cobalt	mg/kg	350	**21.4**	**5.7 J**	**4.1 J**	**5.9**	**21.5**	**30.9**	**11.2**	N/A	**3.9 J**	**15.9**
Copper	mg/kg	47,000	**587**	**57.6 J**	**61.5 J**	**85.4**	**259**	**359**	**162**	N/A	**57.5**	**4,570**
Iron	mg/kg	820,000	**341,000**	**23,700 J**	**62,800 J**	**51,700 J**	**70,500 J**	**332,000 J**	**75,600 J**	N/A	**62,100 J**	**86,500**
Lead	mg/kg	800	**602**	**198 J**	**219 J**	**57.9 J**	**2,450 J**	**70.8 J**	**148 J**	N/A	**53.2 J**	**1,310**
Manganese	mg/kg	26,000	**5,570**	**901 J**	**3,790 J**	**5,890**	**6,800**	**3,680**	**4,120**	N/A	**9,950**	**2,820**
Mercury	mg/kg	350	**0.54**	**0.028 J-**	0.1 UJ	**0.02 J-**	**0.0096 J-**	**0.016 J-**	**0.0022 J-**	N/A	0.11 UJ	**0.11 J-**
Nickel	mg/kg	22,000	**169**	**24.1 J**	**21.3 J**	**52.3 J**	**66.9 J**	**150 J**	**93.1 J**	N/A	**16.1 J**	**84.5 J**
Selenium	mg/kg	5,800	4.2 U	3.7 U	**2.7 J**	**4.3**	4.1 U	4 U	4.3 U	N/A	2.8 B	5 U
Silver	mg/kg	5,800	**4.6**	2.8 U	2.8 U	2.9 U	2.6 B	**4.3**	3.2 U	N/A	3 U	3.7 U
Thallium	mg/kg	12	10.5 U	9.3 U	9.4 U	9.7 U	10.3 U	10 U	10.6 U	N/A	9.9 U	10 UJ
Vanadium	mg/kg	5,800	**88.7**	**48.8 J**	**46.9 J**	**89.8 J**	**956 J**	**45.5 J**	**560 J**	N/A	**147 J**	**100 J**
Zinc	mg/kg	350,000	**1,180**	**201 J**	**485 J**	**174 J**	**3,180 J**	**176 J**	**254 J**	N/A	**87.1 J**	**343 J**
Other												
Cyanide	mg/kg	150	**1.3 J-**	**0.61 J-**	**1.4 J-**	**0.57 J-**	**0.88 J-**	0.32 B	0.39 B	N/A	**0.78 J-**	**2.6 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-165-SB-1	B1-165-SB-9.5	B1-166-SB-9	B1-167-SB-1	B1-167-SB-5	B1-168-SB-1	B1-168-SB-5	B1-169-SB-1	B1-169-SB-5	B1-170-SB-1
Metals												
Aluminum	mg/kg	1,100,000	**7,150**	**17,200**	**70,600**	**18,600**	**52,900**	**45,800 J**	**15,100 J**	**24,500 J**	**2,470 J**	**10,300 J**
Antimony	mg/kg	470	**12.4 J**	3.2 UJ	4.1 UJ	4.2 UJ	3.5 UJ	3 UJ	3 B	2.8 UJ	3.3 UJ	3.1 UJ
Arsenic	mg/kg	3	**124**	2.5 B	**7.5**	**71.5**	2.9 U	**4.8 J**	**32.2 J**	**7 J**	**12.5 J**	**31.7 J**
Barium	mg/kg	220,000	**525 J**	**275 J**	**324 J**	**402 J**	**403 J**	**460 J**	**238 J**	**327 J**	**60.7 J**	**112 J**
Beryllium	mg/kg	2,300	**0.68 J**	**0.93 J**	**2.8**	**1.9**	**2.6**	**5.4**	**1.3**	**3.5**	0.31 B	0.74 B
Cadmium	mg/kg	980	**8.9**	**0.39 J**	**0.72 J**	**7.1**	**0.4 J**	**1.5**	**2.1**	**0.73 J**	**0.18 J**	**5.4**
Chromium	mg/kg	120,000	**233**	**60**	**275**	**176**	**363**	**17.9 J**	**68.4 J**	**309 J**	**5.3 J**	**43.7 J**
Chromium VI	mg/kg	6.3	1.2 U	1.1 U	1.4 U	1.4 U	1.3 U	1.1 UJ	1.2 UJ	1.1 UJ	1.3 UJ	1.1 UJ
Cobalt	mg/kg	350	**81.8**	**4.6 J**	**3.2 J**	**54.8**	**24**	**3.9 J**	**17.3**	**9.4**	**4.6 J**	**20.8**
Copper	mg/kg	47,000	**1,110**	**19.2**	**29.3**	**698**	**98.4**	**24.2 J**	**196 J**	**101 J**	**39.3 J**	**285 J**
Iron	mg/kg	820,000	**361,000**	**9,720**	**7,300**	**323,000**	**55,000**	**17,700**	**94,200**	**143,000**	**10,500**	**187,000**
Lead	mg/kg	800	**940**	**23.1**	**16.1**	**466**	2.9 U	**95.6**	**715**	**58.4**	**7.9**	**494**
Manganese	mg/kg	26,000	**36,500**	**1,910**	**1,490**	**6,880**	**3,350**	**6,780**	**7,070**	**10,200**	**65.9**	**26,900**
Mercury	mg/kg	350	**0.13**	**0.012 J**	0.13 U	**0.066 J**	0.13 U	0.11 UJ	**0.082 J-**	**0.014 J-**	**0.068 J-**	**0.01 J-**
Nickel	mg/kg	22,000	**427 J**	**14.3 J**	**22.5 J**	**263 J**	**118 J**	6.1 B	**60 J**	**71.8 J**	9.9 B	**23.2 J**
Selenium	mg/kg	5,800	4.4 U	4.2 U	**6**	5.6 U	**6**	2.3 B	4.2 U	2.8 U	4.5 U	4.1 U
Silver	mg/kg	5,800	**7.3**	3.2 U	4.1 U	**4 J**	3.5 U	3 U	3.2 U	2.8 U	3.3 U	**3.2**
Thallium	mg/kg	12	11 U	10.6 U	11 U	11.2 U	11.5 U	9.8 UJ	10.6 UJ	9.3 UJ	11.2 UJ	10.2 UJ
Vanadium	mg/kg	5,800	**104**	**32**	**18.8**	**116**	**30.9**	**31.7 J**	**94.1 J**	**499 J**	**8.8 J**	**333 J**
Zinc	mg/kg	350,000	**1,310 J**	**52.3 J**	**16.9 J**	**2,730 J**	**10.2 J**	**328**	**1,050**	**191**	**83.7**	**18,000**
Other												
Cyanide	mg/kg	150	**0.65 J-**	**0.83 J-**	**25.3 J-**	**1.5 J-**	**47.2 J-**	**0.36 J-**	**0.84 J-**	**0.4 J-**	0.75 UJ	**0.64 J-**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-171-SB-1*	B1-172-SB-1*	B1-172-SB-4*	B1-172-SB-10*	B1-173-SB-1*	B1-173-SB-8*	B1-174-SB-1	B1-174-SB-4	B1-175-SB-1*
Metals											
Aluminum	mg/kg	1,100,000	**45,300**	**19,100**	**5,970**	N/A	**29,800**	**37,000**	**39,200**	**11,600**	**16,700**
Antimony	mg/kg	470	3.4 U	3.2 U	3.4 U	N/A	3.2 U	4.7 U	2.9 UJ	3.4 UJ	3.3 U
Arsenic	mg/kg	3	**3.4**	**5.2**	**13.5**	**5**	2.7 U	**2**	**2.7 J**	**39.1 J**	**15.5**
Barium	mg/kg	220,000	**485**	**146**	**71.5**	N/A	**330**	**406**	**482**	**217**	**567**
Beryllium	mg/kg	2,300	**4.1**	**1.1**	**0.32 J**	N/A	**4.5**	**2.1**	**7.6**	**1.3**	**1.6**
Cadmium	mg/kg	980	**2.5**	**1.8**	**2.5**	N/A	0.39 B	**0.6 J**	**0.44 J**	**18.3**	**13.4**
Chromium	mg/kg	120,000	**148**	**242**	**680**	N/A	**16.1**	**305**	**20.1 J**	**171 J**	**72.3**
Chromium VI	mg/kg	6.3	0.64 B	0.32 B	0.19 B	N/A	0.29 B	0.39 B	0.26 B	0.41 B	0.27 B
Cobalt	mg/kg	350	**3 J**	**7.4**	**11.9**	N/A	**3.5 J**	**14.9**	1.5 B	**32.2 J**	**28.6**
Copper	mg/kg	47,000	**63.2**	**68**	**17,900**	N/A	**8.5**	**45.5**	**9.3 J**	**510 J**	**296**
Iron	mg/kg	820,000	**17,600**	**71,800**	**228,000**	N/A	**11,300**	**34,900**	**15,500 J**	**258,000 J**	**96,100**
Lead	mg/kg	800	**45.3**	**273**	**1,030**	**48.5**	**7.2**	**27.8**	**303 J**	**375 J**	**1,360**
Manganese	mg/kg	26,000	**3,030**	**6,190**	**12,200**	N/A	**2,820**	**1,620**	**4,660**	**2,110**	**9,310**
Mercury	mg/kg	350	**0.0027 J**	**0.62**	**0.055 J**	N/A	0.099 U	**0.014 J**	0.11 U	**0.44**	**0.025 J**
Nickel	mg/kg	22,000	**11.3 J**	**35.4**	**329**	N/A	**8.6 J**	**83**	6.4 B	**136 J**	**103**
Selenium	mg/kg	5,800	4.6 U	4.3 U	4.5 U	N/A	4.3 U	6.2 U	3.9 B	4.6 U	4.4 U
Silver	mg/kg	5,800	3.4 U	3.2 U	**1.6 J**	N/A	3.2 U	4.7 U	2.9 U	**2.6 J**	**2.1 J**
Thallium	mg/kg	12	11.4 U	10.7 U	11.2 U	N/A	10.8 U	6.2 U	9.7 U	11.4 U	11 U
Vanadium	mg/kg	5,800	**41.1**	**200**	**1,560**	N/A	**84.7**	**18.5**	**47.4 J**	**99.1 J**	**91**
Zinc	mg/kg	350,000	**99.2**	**1,050**	**2,020**	N/A	**21.4**	**23.6**	**40.8 J**	**587 J**	**5,310**
Other											
Cyanide	mg/kg	150	0.074 B	**1.3**	**5.2**	N/A	**2.8**	**0.48 J**	0.33 B	**0.98 J-**	**4.8**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-175-SB-7.5*	B1-176-SB-1*	B1-176-SB-4*	B1-177-SB-1*	B1-177-SB-5*	B1-178-SB-1*	B1-179-SB-1*	B1-179-SB-9*	B1-180-SB-1*
Metals											
Aluminum	mg/kg	1,100,000	**12,000**	**26,700**	**12,400**	**9,890**	**41,800**	**12,000**	**16,900**	**19,000**	**39,700**
Antimony	mg/kg	470	3.6 U	3.3 U	3.4 U	**1.9 J**	**36.2**	3.1 U	2.9 U	3.1 U	2.9 U
Arsenic	mg/kg	3	**23.4**	**9.4**	**13**	**47.3**	**54.2**	2.6 U	**5.4**	**5.5**	**6.5**
Barium	mg/kg	220,000	**445**	**466**	**347**	**254**	**399**	**136**	**178**	**199**	**518**
Beryllium	mg/kg	2,300	**1.3**	**3**	**1 J**	**0.59 J**	**2.1**	1 U	**2.2**	**2.4**	**5.5**
Cadmium	mg/kg	980	**12.6**	**2.7**	**3.7**	**1.4 J**	**0.61 J**	**0.9 J**	**1.7**	**1.8**	0.98 B
Chromium	mg/kg	120,000	**58.5**	**143**	**135**	**4,990**	**174**	**1,510**	**273**	**655**	**75.9**
Chromium VI	mg/kg	6.3	0.33 B	0.35 B	0.5 B	0.56 B	0.32 B	0.6 B	0.47 B	0.39 B	0.54 B
Cobalt	mg/kg	350	**17.9**	**12**	**19.1**	**138**	**8.4**	**0.58 J**	**4.9**	**4.7 J**	**7.1**
Copper	mg/kg	47,000	**255**	**110**	**115**	**495**	**223**	**52**	**94.8**	**99.8**	**111**
Iron	mg/kg	820,000	**114,000**	**66,800**	**51,300**	**321,000**	**76,900**	**179,000**	**94,200**	**124,000**	**42,800**
Lead	mg/kg	800	**2,190**	**618**	**1,190**	**235**	**65.3**	**121**	**199**	**451**	**362**
Manganese	mg/kg	26,000	**7,280**	**6,190**	**3,610**	**5,500**	**2,000**	**26,400**	**7,680**	**11,100**	**2,380**
Mercury	mg/kg	350	**0.18**	0.11 U	**0.65**	0.11 U	**0.0063 J**	**0.024 J**	**0.29**	**0.27**	0.11 U
Nickel	mg/kg	22,000	**52.3**	**52.8**	**138**	**11,700**	**43.7**	**12.4**	**32.7**	**42.7**	**34**
Selenium	mg/kg	5,800	4.8 U	4.4 U	4.6 U	3.9 U	5.3 U	4.1 U	3.9 U	4.1 U	3.9 U
Silver	mg/kg	5,800	**2.4 J**	3.3 U	3.4 U	**3.1**	4 U	3.1 U	2.9 U	3.1 U	2.9 U
Thallium	mg/kg	12	9.7 U	11.1 U	11.4 U	9.8 U	10.7 U	10.3 U	9.7 U	10.3 U	9.8 U
Vanadium	mg/kg	5,800	**81**	**327**	**348**	**235**	**71.7**	**774**	**207**	**403**	**29.1**
Zinc	mg/kg	350,000	**6,640**	**808**	**1,550**	**233**	**60.2**	**376**	**454**	**496**	**59.6**
Other											
Cyanide	mg/kg	150	**96.9**	**1.2**	**4.1**	**0.56 J**	**26.6**	**0.42 J**	**0.88**	**0.43 J**	**2.7**

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Table 6 - Parcel B1
Summary of Inorganics Detected in Soil

Parameter	Units	PAL	B1-181-SB-1	B1-181-SB-8	B1-182-SB-1*	B1-182-SB-8*	B1-182-SB-10	B1-183-SB-1*	B1-183-SB-8.5*	B1-184-SB-1*
Metals										
Aluminum	mg/kg	1,100,000	**19,500**	**43,900**	**18,900**	**19,400**	N/A	**25,100**	**5,430**	**19,400**
Antimony	mg/kg	470	2.9 UJ	4 UJ	2.8 U	**2.2 J**	N/A	2.8 U	**39.7**	**58.6**
Arsenic	mg/kg	3	**5.4 J**	**3.8 J**	**4.4**	**72.6**	2.6 U	**8.2**	**16.6**	**88.6**
Barium	mg/kg	220,000	**198**	**1,070**	**218**	**323**	N/A	**327**	**592**	**406**
Beryllium	mg/kg	2,300	**2.3**	**2.6**	**2.1**	**1.2**	N/A	**3.7**	**0.41 J**	**62.3**
Cadmium	mg/kg	980	**1.8**	**0.35 J**	0.76 B	**6.2**	N/A	1.1 B	**4.1**	**60.8**
Chromium	mg/kg	120,000	**456 J**	**104 J**	**406**	**435**	N/A	**261**	**106**	**114**
Chromium VI	mg/kg	6.3	0.36 B	0.32 B	0.34 B	0.42 B	N/A	0.35 B	0.35 B	**3.7**
Cobalt	mg/kg	350	4.7 B	**4.2 J**	**7.5**	**53.8**	N/A	**7.6**	**20.6**	**110**
Copper	mg/kg	47,000	**92.8 J**	**76.6 J**	**45.7**	**398**	N/A	**144**	**984**	**148**
Iron	mg/kg	820,000	**87,300 J**	**21,700 J**	**55,000**	**140,000**	N/A	**59,400**	**101,000**	**12,400**
Lead	mg/kg	800	**404 J**	**7.3 J**	**55.1**	**768**	N/A	**273**	**8,260**	**208**
Manganese	mg/kg	26,000	**8,430**	**1,430**	**13,800**	**12,000**	N/A	**6,810**	**1,000**	**174**
Mercury	mg/kg	350	**0.12**	**0.0086 J**	**0.02 J**	**0.13**	N/A	0.11 U	**0.033 J**	**24.4**
Nickel	mg/kg	22,000	**27.1 J**	**17.4 J**	**15.2**	**336**	N/A	**33.3**	**101**	**218**
Selenium	mg/kg	5,800	3.9 U	**5.6**	3.7 U	4.4 U	N/A	3.7 U	4 U	**60.1**
Silver	mg/kg	5,800	2.9 U	4 U	2.8 U	**1.1 J**	N/A	2.8 U	**2.5 J**	**57.2**
Thallium	mg/kg	12	9.7 U	10.8 U	9.2 U	11.1 U	N/A	9.3 U	10 U	**67.2**
Vanadium	mg/kg	5,800	**603 J**	**36.5 J**	**799**	**290**	N/A	**378**	**43.1**	**268**
Zinc	mg/kg	350,000	**1,140 J**	**14.6 J**	**274**	**1,340**	N/A	**275**	**1,140**	**110**
Other										
Cyanide	mg/kg	150	**3.4 J-**	**6.5 J-**	**2.4**	**0.7**	N/A	**1.8**	**1.3**	**0.31 J**

Detections in bold
N/A indicates that the parameter was not analyzed for this sample
* indicates non-validated data results
Values in red indicate an exceedance of the Project Action Limit (PAL)

U: This analyte was not detected in the sample. The numeric value represents the sample quantitation/detection limit.
UJ: This analyte was not detected in the sample. The quantitation/detection limit may be higher than reported.
B: The analyte was not detected substantially above the level of the associated method blank or field blank.
J+: The positive result for this analyte is a quantitative estimate but may be biased high.
J-: The positive result for this analyte is a quantitative estimate but may be biased low.
J: The positive result for this analyte is a quantitative estimate.

Table 7
SUMMARY OF SOIL PAL EXCEEDANCES

Parameter	CAS#	Frequency of Detections (%)	Sample ID of Max Result	Unit	PAL Solid	Max Result
Aroclor 1254	11097-69-1	29	B1-030-SB-1	mg/kg	0.97	20.8
Aroclor 1260	11096-82-5	34	B1-084-SB-1	mg/kg	0.99	6.77
Arsenic	7440-38-2	89	B1-014-SB-10	mg/kg	3	402
Benz[a]anthracene	56-55-3	97	B1-028-SB-1	mg/kg	21	48.2
Benzo[a]pyrene	50-32-8	97	B1-028-SB-1	mg/kg	2.1	37.6
Benzo[b]fluoranthene	205-99-2	99	B1-028-SB-1	mg/kg	21	48
Chromium VI	18540-29-9	11	B1-117-SB-4.5	mg/kg	6.3	555
Cobalt	7440-48-4	89	B1-101-SB-5	mg/kg	350	694
Dibenz[a,h]anthracene	53-70-3	85	B1-028-SB-1/B1-078-SB-1	mg/kg	2.1	3.3
Diesel Range Organics	DRO	96	B1-172-SB-4	mg/kg	6,200	8,000
Lead	7439-92-1	95	B1-005-SB-8	mg/kg	800	16,200
Manganese	7439-96-5	100	B1-129-SB-1	mg/kg	26,000	82,500
PCBs (total)	1336-36-3	62	B1-030-SB-1	mg/kg	0.97	26.2
Vanadium	7440-62-2	100	B1-110-SB-5	mg/kg	5,800	11,700

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Coal Bins	B1-001-SB*	1	Arsenic	3	4.2	
	B1-001-SB*	1	PCBs (total)	0.97	1.176	
	B1-001-SB*	9	Arsenic	3	5.7	
	B1-001-SB*	9	Manganese	26,000	27,200	
	B1-002-SB*	1	Arsenic	3	5.8	
	B1-002-SB*	1	Lead	800	2,040	
	B1-002-SB*	9	Arsenic	3	3.2	
Drip Legs	B1-003-SB	1	Arsenic	3	4.8	
	B1-003-SB	5	Arsenic	3	27.4	
	B1-004-SB	1	Arsenic	3	3.4	
	B1-005-SB	1	Arsenic	3	3.6	J
	B1-005-SB	8	Arsenic	3	49.3	J
	B1-005-SB	8	Lead	800	16,200	
	B1-006-SB	5	Arsenic	3	11.5	J
	B1-007-SB*	5	Arsenic	3	4.6	
	B1-008-SB*	7.5	Arsenic	3	3	
	B1-009-SB	1	Arsenic	3	9	J
	B1-010-SB	1	Arsenic	3	4.3	J
	B1-010-SB	5	Arsenic	3	4.6	J
	B1-011-SB	1	Arsenic	3	6.6	J
	B1-011-SB	1	Manganese	26,000	32,600	
	B1-011-SB	1	Vanadium	5,800	6,480	J
	B1-011-SB	7	Arsenic	3	10.7	J
	B1-012-SB	1	Arsenic	3	21.4	J
	B1-013-SB	1	Arsenic	3	11.9	J
	B1-013-SB	9	Arsenic	3	137	J
	B1-013-SB	9	Lead	800	5,290	
	B1-013-SB*	10	Arsenic	3	43	
	B1-013-SB*	10	Lead	800	1,160	
	B1-014-SB	1	Arsenic	3	21.5	J
	B1-014-SB	5	Arsenic	3	22.4	J
	B1-014-SB	5	Benzo[a]pyrene	2.1	3.1	J
	B1-014-SB*	10	Arsenic	3	402	
	B1-015-SB	1	Arsenic	3	6.1	J
	B1-015-SB	1	PCBs (total)	0.97	1.498	
	B1-015-SB	9	Arsenic	3	6.5	J
	B1-015-SB*	10	Arsenic	3	17.2	
	B1-016-SB	1	Arsenic	3	5.6	J
	B1-016-SB	5	Arsenic	3	9.1	J
	B1-017-SB	1	Arsenic	3	5.1	
	B1-017-SB	5	Arsenic	3	166	
	B1-018-SB	1	Arsenic	3	11.2	
	B1-018-SB	5	Arsenic	3	18.9	
	B1-019-SB*	1	Arsenic	3	3.6	
	B1-019-SB*	1	PCBs (total)	0.97	18.4	
	B1-019-SB*	5	Arsenic	3	28.6	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Drip Legs (continued)	B1-020-SB*	1	Arsenic	3	7.2	
	B1-021-SB*	1	Arsenic	3	11.9	
	B1-021-SB*	5	Arsenic	3	181	
	B1-022-SB*	1	Arsenic	3	19.9	
	B1-022-SB*	1	Benzo[a]pyrene	2.1	11.2	
	B1-022-SB*	1	Lead	800	1,040	
	B1-022-SB*	5	Arsenic	3	9.1	
	B1-023-SB	4	Arsenic	3	15.8	J
	B1-024-SB	1	Arsenic	3	15	J
	B1-024-SB	5	Arsenic	3	8.7	J
	B1-025-SB	1	Arsenic	3	9.9	J
	B1-026-SB	1	Arsenic	3	7.4	J
	B1-026-SB	7.5	Arsenic	3	22.9	J
	B1-027-SB	1	Arsenic	3	49.4	J
	B1-028-SB	1	Arsenic	3	19.9	J
	B1-028-SB	1	Benz[a]anthracene	21	48.2	
	B1-028-SB	1	Benzo[a]pyrene	2.1	37.6	
	B1-028-SB	1	Benzo[b]fluoranthene	21	48	
	B1-028-SB	1	Dibenz[a,h]anthracene	2.1	3.3	J
	B1-029-SB*	1	Arsenic	3	12.3	
	B1-029-SB*	5	Arsenic	3	6.2	
	B1-030-SB*	1	Aroclor 1254	0.97	20.8	
	B1-030-SB*	1	Aroclor 1260	0.99	5.4	
	B1-030-SB*	1	Arsenic	3	13	
	B1-030-SB*	1	Lead	800	847	
	B1-030-SB*	1	PCBs (total)	0.97	26.2	
	B1-030-SB*	5	Arsenic	3	5.7	
	B1-031-SB*	1	Arsenic	3	13.6	
	B1-031-SB*	1	Manganese	26,000	27,100	
	B1-031-SB*	5	Arsenic	3	3.1	
	B1-032-SB*	1	Arsenic	3	17.7	
	B1-032-SB*	1	Benzo[a]pyrene	2.1	2.2	
	B1-032-SB*	5	Arsenic	3	6.4	
	B1-033-SB*	1	Arsenic	3	3.9	
	B1-033-SB*	4	Arsenic	3	5.1	
	B1-033-SB*	4	Manganese	26,000	27,700	
	B1-034-SB*	1	Aroclor 1254	0.97	3.16	
	B1-034-SB*	1	Arsenic	3	4.4	
	B1-034-SB*	1	PCBs (total)	0.97	4.22	
	B1-034-SB*	4	Arsenic	3	3.4	
	B1-034-SB*	4	Manganese	26,000	29,100	
	B1-035-SB*	1	Arsenic	3	24.5	
	B1-035-SB*	5	Arsenic	3	3.8	
	B1-036-SB*	1	Arsenic	3	7.5	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Drip Legs (continued)	B1-036-SB*	4	Arsenic	3	87.1	
	B1-036-SB*	4	Lead	800	1,620	
	B1-037-SB	1	Arsenic	3	10.8	
	B1-037-SB	5	Arsenic	3	4.3	
	B1-037-SB*	10	Arsenic	3	3.3	
	B1-038-SB	1	Arsenic	3	14	
	B1-038-SB	5	Arsenic	3	9.3	
	B1-039-SB	1	Arsenic	3	18.5	
	B1-039-SB	1	Lead	800	928	
	B1-039-SB	1	PCBs (total)	0.97	1.674	
	B1-040-SB	1	Arsenic	3	7.5	
	B1-040-SB	1	Benzo[a]pyrene	2.1	2.3	J
	B1-041-SB*	1	Arsenic	3	5.3	
	B1-042-SB*	1	Arsenic	3	4.7	
	B1-042-SB*	5	Arsenic	3	3	
	B1-043-SB	1	Arsenic	3	8.8	
	B1-043-SB	5	Arsenic	3	6.1	
	B1-044-SB	1	Arsenic	3	8.3	
	B1-044-SB	5	Arsenic	3	7.9	
	B1-044-SB	5	Benzo[a]pyrene	2.1	2.5	
	B1-045-SB	1	Arsenic	3	9.7	
	B1-046-SB	1	Arsenic	3	3.3	
	B1-046-SB	6	Arsenic	3	4.2	
	B1-047-SB	1	Arsenic	3	12.9	
	B1-047-SB	5	Arsenic	3	29.1	
	B1-047-SB	5	Benz[a]anthracene	21	25.3	
	B1-047-SB	5	Benzo[a]pyrene	2.1	16	
	B1-047-SB	5	Benzo[b]fluoranthene	21	37.9	
	B1-047-SB*	10	Arsenic	3	8	
	B1-048-SB	1	Arsenic	3	24.7	
	B1-048-SB	1	Benzo[a]pyrene	2.1	3.2	J
	B1-048-SB	7	Arsenic	3	5.1	
	B1-048-SB*	10	Arsenic	3	3.7	
	B1-049-SB	1	Arsenic	3	5.8	
	B1-050-SB	1	Arsenic	3	7.7	
	B1-050-SB	5	Arsenic	3	5.1	
	B1-051-SB	1	Arsenic	3	5.3	
	B1-051-SB	1	Lead	800	2,400	J
	B1-051-SB	5	Arsenic	3	106	
	B1-051-SB	5	Lead	800	12,300	J
	B1-052-SB	5	Arsenic	3	18	
	B1-053-SB*	1	Arsenic	3	4	
	B1-053-SB*	7	Arsenic	3	6.5	
	B1-054-SB*	1	Arsenic	3	5.4	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Drip Legs (continued)	B1-054-SB*	5	Arsenic	3	4	
	B1-054-SB*	5	Manganese	26,000	46,300	
	B1-054-SB*	5	Vanadium	5,800	9,910	
	B1-055-SB*	1	Arsenic	3	9.4	
	B1-055-SB*	6.5	Arsenic	3	4.4	
	B1-056-SB*	1	Arsenic	3	4.6	
	B1-056-SB*	7.5	Arsenic	3	5.8	
	B1-057-SB*	1	Arsenic	3	7.8	
	B1-058-SB*	1	Aroclor 1254	0.97	2.4	
	B1-058-SB*	1	Arsenic	3	46.7	
	B1-058-SB*	1	Lead	800	1,340	
	B1-058-SB*	1	PCBs (total)	0.97	2.915	
	B1-058-SB*	7.5	Arsenic	3	14.8	
	B1-059-SB*	1	Aroclor 1254	0.97	1.28	
	B1-059-SB*	1	Arsenic	3	6.6	
	B1-059-SB*	1	PCBs (total)	0.97	1.589	
	B1-059-SB*	7	Arsenic	3	3.4	
	B1-060-SB*	1	Arsenic	3	10.2	
	B1-060-SB*	1	PCBs (total)	0.97	1.226	
	B1-060-SB*	5	Arsenic	3	4.7	
	B1-061-SB*	1	Arsenic	3	17.1	
	B1-061-SB*	1	Lead	800	844	
	B1-061-SB*	7	Arsenic	3	10.3	
	B1-061-SB*	7	Manganese	26,000	30,800	
	B1-062-SB*	1	Arsenic	3	14.3	
	B1-062-SB*	1	Lead	800	868	
	B1-062-SB*	1	PCBs (total)	0.97	2.433	
	B1-063-SB	1	Aroclor 1260	0.99	2.43	
	B1-063-SB	1	Arsenic	3	5	
	B1-063-SB	1	PCBs (total)	0.97	2.43	
	B1-063-SB	5	Arsenic	3	6.5	
	B1-064-SB	1	Aroclor 1260	0.99	1	
	B1-064-SB	1	Arsenic	3	7.1	
	B1-064-SB	1	PCBs (total)	0.97	1	
	B1-064-SB	5	Arsenic	3	4.6	
	B1-065-SB*	1	Arsenic	3	6	
	B1-065-SB*	4	Arsenic	3	3.2	
	B1-066-SB*	9	Arsenic	3	15.3	
	B1-067-SB*	1	Arsenic	3	7.9	
	B1-067-SB*	1	Manganese	26,000	26,700	
	B1-067-SB*	9	Arsenic	3	14.1	
	B1-068-SB*	1	Arsenic	3	3.1	
	B1-068-SB*	1	Chromium VI	6.3	7.2	
	B1-068-SB*	1	Manganese	26,000	31,800	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Electric Substation	B1-069-SB*	1	Arsenic	3	29.8	
	B1-069-SB*	8	Arsenic	3	9	
	B1-070-SB	1	Arsenic	3	3.3	
Former Diesel Fuel Spill Area	B1-071-SB*	1	Arsenic	3	20.2	
	B1-071-SB*	3	Arsenic	3	7	
	B1-072-SB*	1	Arsenic	3	4.8	
	B1-072-SB*	4	Arsenic	3	5.4	
Former Slab Cut-off Spill Area	B1-073-SB*	1	Arsenic	3	7.5	
	B1-074-SB*	1	Arsenic	3	7.4	
	B1-074-SB*	8	Arsenic	3	30.4	
Oil (Fuel/Lube) House or Shop	B1-075-SB*	1	Arsenic	3	8.9	
	B1-075-SB*	4	Arsenic	3	12.2	
	B1-075-SB	10	Arsenic	3	76.4	
	B1-076-SB*	1	Arsenic	3	9.2	
	B1-076-SB*	4	Arsenic	3	20.3	
	B1-076-SB*	4	Benzo[a]pyrene	2.1	15.5	
	B1-076-SB*	4	Benzo[b]fluoranthene	21	27.9	
	B1-076-SB*	4	Dibenz[a,h]anthracene	2.1	3.1	
	B1-076-SB	10	Arsenic	3	16.2	
	B1-077-SB	1	Arsenic	3	22.7	J
	B1-077-SB	4	Arsenic	3	14	J
	B1-078-SB	1	Arsenic	3	14.9	J
	B1-078-SB	1	Benz[a]anthracene	21	27.1	
	B1-078-SB	1	Benzo[a]pyrene	2.1	24.6	J
	B1-078-SB	1	Benzo[b]fluoranthene	21	25.3	J
	B1-078-SB	1	Dibenz[a,h]anthracene	2.1	3.3	J
	B1-078-SB	4	Arsenic	3	5.3	J
	B1-079-SB*	1	Arsenic	3	17.7	
	B1-079-SB*	5	Arsenic	3	9.1	
	B1-080-SB*	1	Arsenic	3	8	
	B1-080-SB*	4	Arsenic	3	4.8	
	B1-081-SB*	1	Chromium VI	6.3	7.3	
	B1-081-SB*	1	Manganese	26,000	26,800	
	B1-082-SB*	1	Arsenic	3	3.9	
	B1-083-SB	1	Arsenic	3	11.2	J
	B1-084-SB	1	Aroclor 1260	0.99	6.77	
	B1-084-SB	1	Arsenic	3	3.5	J
	B1-084-SB	1	PCBs (total)	0.97	6.77	
	B1-084-SB	4	Arsenic	3	76.8	J
Glycol Tank	B1-086-SB	5	Arsenic	3	4.8	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Oil Storage Tank	B1-087-SB*	1	Arsenic	3	3.4	
	B1-087-SB*	4	Arsenic	3	16	
	B1-087-SB*	4	Manganese	26,000	48,500	
	B1-087-SB*	4	Vanadium	5,800	6,740	
	B1-088-SB*	1	Arsenic	3	7.5	
	B1-088-SB*	5	Arsenic	3	5.4	
	B1-088-SB*	5	Benzo[a]pyrene	2.1	10.7	
	B1-088-SB*	5	Dibenz[a,h]anthracene	2.1	2.7	
RCRA Regulated Storage Area	B1-091-SB	1	Arsenic	3	11.7	
	B1-091-SB	5	Arsenic	3	4.9	
	B1-091-SB	5	Lead	800	15,000	
	B1-092-SB	1	Arsenic	3	6.4	
	B1-092-SB	5	Arsenic	3	3.5	
Roll Shop (containing oil vats)	B1-093-SB*	1	Arsenic	3	14.2	
	B1-093-SB*	1	Benzo[a]pyrene	2.1	15.1	
	B1-093-SB*	1	Benzo[b]fluoranthene	21	35.7	
	B1-093-SB*	5	Arsenic	3	40	
	B1-093-SB*	5	Benzo[a]pyrene	2.1	2.8	
Scale Pit (Rolling Mill)	B1-095-SB*	1	Arsenic	3	10.5	
	B1-095-SB*	4	Arsenic	3	5.7	
	B1-095-SB*	4	Manganese	26,000	41,300	
	B1-095-SB	10	Arsenic	3	14.8	
	B1-096-SB*	1	Arsenic	3	15.2	
	B1-096-SB*	4	Arsenic	3	33.3	
	B1-096-SB*	4	Lead	800	1,600	
	B1-096-SB	10	Arsenic	3	23.5	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Scale Pit - Other	B1-097-SB*	1	Aroclor 1254	0.97	1.43	
	B1-097-SB*	1	Arsenic	3	31.4	
	B1-097-SB*	1	PCBs (total)	0.97	1.43	
	B1-097-SB*	5	Arsenic	3	7	
	B1-097-SB*	5	Manganese	26,000	35,400	
	B1-097-SB*	5	Vanadium	5,800	6,060	
	B1-097-SB	10	Arsenic	3	4.5	
	B1-098-SB*	1	Arsenic	3	18	
	B1-098-SB*	5	Arsenic	3	7.4	
	B1-098-SB*	5	Manganese	26,000	40,800	
	B1-098-SB*	5	Vanadium	5,800	9,140	
	B1-099-SB	1	Arsenic	3	15.1	
	B1-099-SB	5	Arsenic	3	7.5	
	B1-100-SB	1	Arsenic	3	23.5	
	B1-100-SB	5	Arsenic	3	20.2	
	B1-101-SB	1	Arsenic	3	7.6	
	B1-101-SB	5	Arsenic	3	24.3	
	B1-101-SB	5	Cobalt	350	694	J
	B1-101-SB	5	Manganese	26,000	38,500	
	B1-102-SB	4.5	Arsenic	3	12.4	
	B1-103-SB	1	Arsenic	3	16.5	
	B1-103-SB	5	Arsenic	3	23.4	
	B1-104-SB	1	Arsenic	3	3.7	
	B1-104-SB	5	Arsenic	3	5.2	
	B1-104-SB	5	Manganese	26,000	28,000	
	B1-105-SB	1	Arsenic	3	11.7	
	B1-105-SB	5	Arsenic	3	6.1	
	B1-105-SB	5	Chromium VI	6.3	7.4	J-
	B1-105-SB	5	Manganese	26,000	42,300	
	B1-106-SB	1	Arsenic	3	3.8	
	B1-106-SB	1	Manganese	26,000	36,700	
	B1-106-SB	5	Arsenic	3	3.6	
	B1-106-SB	5	Chromium VI	6.3	6.3	J-
	B1-106-SB	5	Manganese	26,000	28,400	
Settle Basin	B1-107-SB*	1	Arsenic	3	6.4	
	B1-107-SB*	5	Arsenic	3	7.9	
	B1-108-SB*	1	Arsenic	3	7.4	
	B1-108-SB*	1	Benzo[a]pyrene	2.1	3.9	
	B1-108-SB*	4.5	Arsenic	3	82.3	
	B1-109-SB*	1	Arsenic	3	17	
	B1-109-SB*	4	Arsenic	3	4.2	
	B1-110-SB*	1	Arsenic	3	36.1	
	B1-110-SB*	5	Arsenic	3	11.9	
	B1-110-SB*	5	Manganese	26,000	53,900	
	B1-110-SB*	5	Vanadium	5,800	11,700	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Soaking Pits	B1-111-SB*	4	Arsenic	3	7	
	B1-112-SB*	1	Arsenic	3	13.7	
	B1-112-SB*	5	Arsenic	3	17	
	B1-113-SB*	1	Arsenic	3	15.5	
	B1-113-SB*	5	Arsenic	3	5.7	
	B1-113-SB*	5	Benzo[a]pyrene	2.1	2.7	
	B1-113-SB*	5	Chromium VI	6.3	10.4	
	B1-113-SB*	5	Manganese	26,000	34,600	
	B1-114-SB*	1	Arsenic	3	3.1	
	B1-114-SB*	1	Manganese	26,000	29,000	
	B1-115-SB	1	Arsenic	3	27.1	
	B1-115-SB	1	Benzo[a]pyrene	2.1	3.3	J
	B1-116-SB	5	Arsenic	3	4.7	
	B1-117-SB*	1	Arsenic	3	9	
	B1-117-SB*	4.5	Arsenic	3	3.8	
	B1-117-SB*	4.5	Chromium VI	6.3	555	
	B1-118-SB*	5	Arsenic	3	10.2	
	B1-119-SB	1	Arsenic	3	6.1	
	B1-119-SB	5	Arsenic	3	7.4	
	B1-119-SB*	10	Arsenic	3	6.1	
	B1-120-SB	1	Arsenic	3	7.7	
Spray Pond	B1-121-SB	1	Arsenic	3	7.6	
	B1-122-SB	1	Arsenic	3	12.1	
	B1-122-SB	1	Benzo[a]pyrene	2.1	2.6	
	B1-122-SB	1	PCBs (total)	0.97	0.979	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Rolling Mills Impoundment	B1-123-SB	1	Arsenic	3	6.2	
	B1-123-SB	1	Benzo[a]pyrene	2.1	3.9	
	B1-124-SB	1	Arsenic	3	9.6	
	B1-124-SB	1	Benzo[a]pyrene	2.1	2.5	J
	B1-124-SB	1	PCBs (total)	0.97	1.038	
	B1-125-SB	1	Arsenic	3	14.7	
Spray Water Strainer Room	B1-127-SB	1	Arsenic	3	5.1	
	B1-127-SB	6	Arsenic	3	17	
Storage Tank - Unknown Contents	B1-129-SB	1	Arsenic	3	7.9	
	B1-129-SB	1	Manganese	26,000	82,500	
	B1-129-SB	5	Arsenic	3	5.3	
Transformer Storage Area	B1-130-SB*	1	Arsenic	3	11.7	
	B1-130-SB*	1	Benzo[a]pyrene	2.1	2.8	
	B1-130-SB*	9	Arsenic	3	4.3	
	B1-131-SB*	1	Arsenic	3	4	
	B1-131-SB*	1	Lead	800	989	
	B1-131-SB*	4	Arsenic	3	5.5	
Waste Oil Stabilization / Packing Area	B1-132-SB	1	Arsenic	3	7.2	
	B1-132-SB	1	Benzo[a]pyrene	2.1	5	J
	B1-132-SB	1	PCBs (total)	0.97	1.172	
	B1-132-SB	5	Arsenic	3	7.8	
	B1-132-SB	5	Lead	800	10,600	
	B1-133-SB	1	Arsenic	3	15.6	
	B1-133-SB	1	PCBs (total)	0.97	1.174	
	B1-133-SB	5	Arsenic	3	6.8	
	B1-134-SB	1	Arsenic	3	14.3	
	B1-134-SB	5	Arsenic	3	8	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Possible PCB-Containing Area	B1-159-SB	1	Arsenic	3	6	
	B1-159-SB	1	Benzo[a]pyrene	2.1	2.3	J
	B1-159-SB	1	PCBs (total)	0.97	1.262	
	B1-160-SB	1	Arsenic	3	19.4	
	B1-160-SB	5	Arsenic	3	7.8	
	B1-161-SB	1	Arsenic	3	6.3	
	B1-162-SB	1	Arsenic	3	4.3	
	B1-162-SB	4	Arsenic	3	27.1	
	B1-162-SB	4	Lead	800	2,450	J
	B1-163-SB	1	Arsenic	3	31.4	
	B1-163-SB	4	Arsenic	3	24.3	
	B1-163-SB	4	Benzo[a]pyrene	2.1	2.7	J
	B1-163-SB	10	Arsenic	3	18.4	
	B1-164-SB	1	Aroclor 1260	0.99	1.08	
	B1-164-SB	1	Arsenic	3	4.7	
	B1-164-SB	1	PCBs (total)	0.97	1.59	
	B1-164-SB	4	Arsenic	3	7.7	
	B1-164-SB	4	Lead	800	1,310	
	B1-165-SB	1	Arsenic	3	124	
	B1-165-SB	1	Benzo[a]pyrene	2.1	4.5	
	B1-165-SB	1	Lead	800	940	
	B1-165-SB	1	Manganese	26,000	36,500	
	B1-166-SB	9	Arsenic	3	7.5	
	B1-167-SB	1	Aroclor 1260	0.99	2.15	
	B1-167-SB	1	Arsenic	3	71.5	
	B1-167-SB	1	PCBs (total)	0.97	2.15	
	B1-167-SB	5	Benzo[a]pyrene	2.1	3.1	
	B1-168-SB	1	Arsenic	3	4.8	J
	B1-168-SB	5	Arsenic	3	32.2	J
	B1-169-SB	1	Arsenic	3	7	J
	B1-169-SB	5	Arsenic	3	12.5	J
	B1-170-SB	1	Arsenic	3	31.7	J
	B1-170-SB	1	Manganese	26,000	26,900	
	B1-171-SB*	1	Arsenic	3	3.4	
	B1-172-SB*	1	Arsenic	3	5.2	
	B1-172-SB*	1	Benzo[a]pyrene	2.1	2.8	
	B1-172-SB*	4	Arsenic	3	13.5	
	B1-172-SB*	4	Diesel Range Organics	6,200	8,000	
	B1-172-SB*	4	Lead	800	1,030	
	B1-172-SB*	10	Arsenic	3	5	

TABLE 8
SOIL PAL EXCEEDANCES FOR SPECIFIC TARGETS

Target Feature	Boring ID	Sample Depth (ft)	Parameter	PAL (mg/kg)	Result (mg/kg)	Final Flag
Spare Parts Mat	B1-174-SB	4	Arsenic	3	39.1	J
Locomotive Repair Building	B1-175-SB*	1	Arsenic	3	15.5	
	B1-175-SB*	1	Lead	800	1,360	
	B1-175-SB*	7.5	Arsenic	3	23.4	
	B1-175-SB*	7.5	Lead	800	2,190	
	B1-176-SB*	1	Arsenic	3	9.4	
	B1-176-SB*	4	Arsenic	3	13	
	B1-176-SB*	4	Benzo[a]pyrene	2.1	8.4	
	B1-176-SB*	4	Lead	800	1,190	
Roll Shop Storage Yard	B1-177-SB*	1	Arsenic	3	47.3	
	B1-177-SB*	5	Arsenic	3	54.2	
160" Plate Mill	B1-178-SB*	1	Manganese	26,000	26,400	
	B1-179-SB*	1	Arsenic	3	5.4	
	B1-179-SB*	9	Arsenic	3	5.5	
60" Plate Mill	B1-180-SB*	1	Arsenic	3	6.5	
	B1-181-SB	1	Arsenic	3	5.4	J
	B1-181-SB	1	Benzo[a]pyrene	2.1	6.8	J
	B1-181-SB	8	Arsenic	3	3.8	J
East Processing Building	B1-182-SB*	1	Arsenic	3	4.4	
	B1-182-SB*	8	Arsenic	3	72.6	
	B1-183-SB*	1	Arsenic	3	8.2	
	B1-183-SB*	8.5	Arsenic	3	16.6	
	B1-183-SB*	8.5	Lead	800	8,260	

J: The positive result for this analyte is a quantitative estimate.
J-: The positive result for this analyte is a quantitative estimate but may be biased low.
Site-wide borings providing general coverage are not included on this table.
* indicates non-validated sample

EnviroAnalytics Group

Parcel B1 - Table 9

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: *B1-003-SB-1*					
1,4-Dioxane	0.087	mg/kg	24	no	R
Bromomethane	0.0044	mg/kg	30	no	R
Sample: *B1-003-SB-5*					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0056	mg/kg	30	no	R
Sample: *B1-004-SB-1*					
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0053	mg/kg	30	no	R
Sample: *B1-004-SB-5*					
1,4-Dioxane	0.091	mg/kg	24	no	R
Benzaldehyde	0.07	mg/kg	120,000	no	R
Bromomethane	0.0045	mg/kg	30	no	R
Sample: *B1-005-SB-1*					
1,4-Dioxane	0.09	mg/kg	24	no	R
Bromomethane	0.0045	mg/kg	30	no	R
Sample: *B1-005-SB-8*					
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.075	mg/kg	120,000	no	R
Bromomethane	0.0056	mg/kg	30	no	R
Sample: *B1-006-SB-1*					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0054	mg/kg	30	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-006-SB-5***				
1,1,2,2-Tetrachloroethane	0.0084	mg/kg	2.7	no	R
1,4-Dioxane	0.17	mg/kg	24	no	R
2,4-Dinitrophenol	0.2	mg/kg	1,600	no	R
Bromomethane	0.0084	mg/kg	30	no	R
Methyl Acetate	0.084	mg/kg	1,200,000	no	R
Pentachlorophenol	0.2	mg/kg	4	no	R
Sample:	***B1-009-SB-1***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Sample:	***B1-009-SB-5***				
1,4-Dioxane	0.09	mg/kg	24	no	R
Benzaldehyde	0.079	mg/kg	120,000	no	R
Sample:	***B1-010-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0054	mg/kg	30	no	R
Sample:	***B1-010-SB-5***				
1,4-Dioxane	0.094	mg/kg	24	no	R
Benzaldehyde	0.081	mg/kg	120,000	no	R
Bromomethane	0.0047	mg/kg	30	no	R
Sample:	***B1-011-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0062	mg/kg	30	no	R
Sample:	***B1-011-SB-7***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Benzaldehyde	0.077	mg/kg	120,000	no	R
Bromomethane	0.0064	mg/kg	30	no	R
Sample:	***B1-012-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-012-SB-1***					
Bromomethane	0.0061	mg/kg	30	no	R
Sample: ***B1-012-SB-9***					
1,4-Dioxane	0.091	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0046	mg/kg	30	no	R
Sample: ***B1-013-SB-1***					
1,4-Dioxane	0.15	mg/kg	24	no	R
2,4-Dinitrophenol	0.2	mg/kg	1,600	no	R
Bromomethane	0.0075	mg/kg	30	no	R
Hexachlorocyclopentadiene	0.078	mg/kg	7.5	no	R
Sample: ***B1-013-SB-9***					
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0064	mg/kg	30	no	R
Sample: ***B1-014-SB-1***					
1,4-Dioxane	0.23	mg/kg	24	no	R
Bromomethane	0.012	mg/kg	30	no	R
Sample: ***B1-014-SB-5***					
1,4-Dioxane	0.14	mg/kg	24	no	R
Bromomethane	0.0068	mg/kg	30	no	R
Sample: ***B1-015-SB-1***					
1,4-Dioxane	0.099	mg/kg	24	no	R
Bromomethane	0.005	mg/kg	30	no	R
Sample: ***B1-015-SB-9***					
1,4-Dioxane	0.1	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0052	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-016-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0058	mg/kg	30	no	R
Sample:	***B1-016-SB-5***				
1,4-Dioxane	0.085	mg/kg	24	no	R
Bromomethane	0.0042	mg/kg	30	no	R
Sample:	***B1-017-SB-1***				
1,4-Dioxane	0.094	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.075	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.19	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.075	mg/kg	210	no	R
2,4-Dichlorophenol	0.075	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.075	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
2-Chlorophenol	0.075	mg/kg	5,800	no	R
2-Methylphenol	0.075	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.15	mg/kg	41,000	no	R
Benzaldehyde	0.075	mg/kg	120,000	no	R
Bromomethane	0.0047	mg/kg	30	no	R
Pentachlorophenol	0.19	mg/kg	4	no	R
Phenol	0.075	mg/kg	250,000	no	R
Sample:	***B1-017-SB-5***				
1,4-Dioxane	0.099	mg/kg	24	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Sample:	***B1-018-SB-1***				
1,4-Dioxane	0.089	mg/kg	24	no	R
Benzaldehyde	0.075	mg/kg	120,000	no	R
Bromomethane	0.0045	mg/kg	30	no	R
Sample:	***B1-018-SB-5***				
1,4-Dioxane	0.11	mg/kg	24	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-018-SB-5***					
Bromomethane	0.0057	mg/kg	30	no	R
Sample: ***B1-023-SB-1***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0056	mg/kg	30	no	R
Sample: ***B1-023-SB-4***					
1,4-Dioxane	0.17	mg/kg	24	no	R
Bromomethane	0.0085	mg/kg	30	no	R
Sample: ***B1-024-SB-1***					
1,4-Dioxane	0.097	mg/kg	24	no	R
Bromomethane	0.0048	mg/kg	30	no	R
Sample: ***B1-024-SB-5***					
1,4-Dioxane	0.14	mg/kg	24	no	R
Bromomethane	0.0069	mg/kg	30	no	R
Sample: ***B1-025-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.0058	mg/kg	30	no	R
Sample: ***B1-026-SB-1***					
1,4-Dioxane	0.088	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.0044	mg/kg	30	no	R
Sample: ***B1-026-SB-7.5***					
1,4-Dioxane	0.19	mg/kg	24	no	R
Benzaldehyde	0.079	mg/kg	120,000	no	R
Bromomethane	0.0095	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-027-SB-1***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0067	mg/kg	30	no	R
Sample:	***B1-028-SB-1***				
1,4-Dioxane	0.13	mg/kg	24	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
2,4-Dinitrotoluene	0.076	mg/kg	7.4	no	R
Bromomethane	0.0063	mg/kg	30	no	R
Pentachlorophenol	0.19	mg/kg	4	no	R
Sample:	***B1-028-SB-4***				
1,4-Dioxane	0.28	mg/kg	24	no	R
Bromomethane	0.014	mg/kg	30	no	R
Sample:	***B1-037-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0057	mg/kg	30	no	R
Sample:	***B1-037-SB-5***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0057	mg/kg	30	no	R
Sample:	***B1-038-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Benzaldehyde	0.079	mg/kg	120,000	no	R
Bromomethane	0.0058	mg/kg	30	no	R
Sample:	***B1-038-SB-5***				
1,4-Dioxane	0.12	mg/kg	24	no	R
2,4-Dinitrophenol	0.2	mg/kg	1,600	no	R
Bromomethane	0.0058	mg/kg	30	no	R
Hexachlorocyclopentadiene	0.079	mg/kg	7.5	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-039-SB-1***				
1,4-Dioxane	0.15	mg/kg	24	no	R
Bromomethane	0.0077	mg/kg	30	no	R
Sample:	***B1-039-SB-5***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0064	mg/kg	30	no	R
Sample:	***B1-040-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample:	***B1-040-SB-5***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample:	***B1-043-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0053	mg/kg	30	no	R
Sample:	***B1-043-SB-5***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0053	mg/kg	30	no	R
Sample:	***B1-044-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
Benzaldehyde	0.07	mg/kg	120,000	no	R
Bromomethane	0.005	mg/kg	30	no	R
Sample:	***B1-044-SB-5***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0064	mg/kg	30	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-045-SB-1***				
1,4-Dioxane	0.088	mg/kg	24	no	R
Benzaldehyde	0.14	mg/kg	120,000	no	R
Bromomethane	0.0044	mg/kg	30	no	R
Sample:	***B1-045-SB-5***				
1,4-Dioxane	0.25	mg/kg	24	no	R
Benzaldehyde	0.1	mg/kg	120,000	no	R
Bromomethane	0.012	mg/kg	30	no	R
Sample:	***B1-046-SB-1***				
1,4-Dioxane	0.09	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0045	mg/kg	30	no	R
Sample:	***B1-046-SB-6***				
1,4-Dioxane	0.093	mg/kg	24	no	R
Benzaldehyde	0.081	mg/kg	120,000	no	R
Bromomethane	0.0047	mg/kg	30	no	R
Sample:	***B1-047-SB-1***				
1,4-Dioxane	0.085	mg/kg	24	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Bromomethane	0.0043	mg/kg	30	no	R
Sample:	***B1-047-SB-5***				
1,4-Dioxane	0.21	mg/kg	24	no	R
Bromomethane	0.01	mg/kg	30	no	R
Sample:	***B1-048-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0059	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-048-SB-7***				
1,4-Dioxane	0.088	mg/kg	24	no	R
Benzaldehyde	0.08	mg/kg	120,000	no	R
Bromomethane	0.0044	mg/kg	30	no	R
Sample:	***B1-049-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.077	mg/kg	120,000	no	R
Bromomethane	0.0054	mg/kg	30	no	R
Sample:	***B1-049-SB-5***				
1,4-Dioxane	0.23	mg/kg	24	no	R
Benzaldehyde	0.12	mg/kg	120,000	no	R
Bromomethane	0.011	mg/kg	30	no	R
Sample:	***B1-050-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0057	mg/kg	30	no	R
Sample:	***B1-050-SB-5***				
1,4-Dioxane	0.15	mg/kg	24	no	R
Benzaldehyde	0.083	mg/kg	120,000	no	R
Bromomethane	0.0073	mg/kg	30	no	R
Sample:	***B1-051-SB-1***				
1,4-Dioxane	0.096	mg/kg	24	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Bromomethane	0.0048	mg/kg	30	no	R
Sample:	***B1-051-SB-5***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0064	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-052-SB-1***				
1,4-Dioxane	0.099	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.005	mg/kg	30	no	R
Sample:	***B1-052-SB-5***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample:	***B1-063-SB-1***				
1,4-Dioxane	0.092	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.072	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.072	mg/kg	210	no	R
2,4-Dichlorophenol	0.072	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.072	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.072	mg/kg	5,800	no	R
2-Methylphenol	0.072	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Bromomethane	0.0046	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.072	mg/kg	250,000	no	R
Sample:	***B1-063-SB-5***				
1,4-Dioxane	0.14	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.081	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.2	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.081	mg/kg	210	no	R
2,4-Dichlorophenol	0.081	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.081	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.2	mg/kg	1,600	no	R
2-Chlorophenol	0.081	mg/kg	5,800	no	R
2-Methylphenol	0.081	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.16	mg/kg	41,000	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-063-SB-5***				
Bromomethane	0.0071	mg/kg	30	no	R
Pentachlorophenol	0.2	mg/kg	4	no	R
Phenol	0.081	mg/kg	250,000	no	R
Sample:	***B1-064-SB-1***				
1,4-Dioxane	0.085	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.073	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.073	mg/kg	210	no	R
2,4-Dichlorophenol	0.073	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.073	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.073	mg/kg	5,800	no	R
2-Methylphenol	0.073	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Bromomethane	0.0042	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.073	mg/kg	250,000	no	R
Sample:	***B1-064-SB-5***				
1,4-Dioxane	0.06	mg/kg	24	no	R
Bromomethane	0.003	mg/kg	30	no	R
Sample:	***B1-070-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0053	mg/kg	30	no	R
Sample:	***B1-077-SB-1***				
1,4-Dioxane	0.16	mg/kg	24	no	R
Bromomethane	0.0081	mg/kg	30	no	R
Sample:	***B1-077-SB-4***				
1,4-Dioxane	0.21	mg/kg	24	no	R
Benzaldehyde	0.083	mg/kg	120,000	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-077-SB-4***					
Bromomethane	0.011	mg/kg	30	no	R
Sample: ***B1-078-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample: ***B1-078-SB-4***					
1,4-Dioxane	0.16	mg/kg	24	no	R
Bromomethane	0.0079	mg/kg	30	no	R
Sample: ***B1-083-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Sample: ***B1-084-SB-1***					
1,4-Dioxane	0.13	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Sample: ***B1-084-SB-4***					
1,4-Dioxane	0.17	mg/kg	24	no	R
Sample: ***B1-085-SB-1***					
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.005	mg/kg	30	no	R
Sample: ***B1-086-SB-1***					
1,4-Dioxane	0.095	mg/kg	24	no	R
Bromomethane	0.0047	mg/kg	30	no	R
Sample: ***B1-086-SB-5***					
1,4-Dioxane	0.14	mg/kg	24	no	R
Bromomethane	0.0068	mg/kg	30	no	R
Sample: ***B1-089-SB-1***					
1,4-Dioxane	0.1	mg/kg	24	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-089-SB-1***					
Bromomethane	0.005	mg/kg	30	no	R
Sample: ***B1-090-SB-1***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0053	mg/kg	30	no	R
Sample: ***B1-090-SB-6***					
1,4-Dioxane	0.13	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.074	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.19	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.074	mg/kg	210	no	R
2,4-Dichlorophenol	0.074	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.074	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
2-Chlorophenol	0.074	mg/kg	5,800	no	R
2-Methylphenol	0.074	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.15	mg/kg	41,000	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0064	mg/kg	30	no	R
Pentachlorophenol	0.19	mg/kg	4	no	R
Phenol	0.074	mg/kg	250,000	no	R
Sample: ***B1-091-SB-1***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0054	mg/kg	30	no	R
Sample: ***B1-091-SB-5***					
1,4-Dioxane	0.15	mg/kg	24	no	R
Bromomethane	0.0077	mg/kg	30	no	R
Sample: ***B1-092-SB-1***					
1,4-Dioxane	0.087	mg/kg	24	no	R
Bromomethane	0.0044	mg/kg	30	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-092-SB-5***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0055	mg/kg	30	no	R
Sample:	***B1-099-SB-1***				
1,4-Dioxane	0.072	mg/kg	24	no	R
Bromomethane	0.0036	mg/kg	30	no	R
Sample:	***B1-099-SB-5***				
1,4-Dioxane	0.32	mg/kg	24	no	R
Benzaldehyde	0.13	mg/kg	120,000	no	R
Bromomethane	0.016	mg/kg	30	no	R
Sample:	***B1-100-SB-1***				
1,4-Dioxane	0.084	mg/kg	24	no	R
Bromomethane	0.0042	mg/kg	30	no	R
Sample:	***B1-100-SB-5***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0061	mg/kg	30	no	R
Sample:	***B1-101-SB-1***				
1,1,2,2-Tetrachloroethane	0.005	mg/kg	2.7	no	R
1,4-Dioxane	0.1	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.073	mg/kg	25,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
Bromomethane	0.005	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Sample:	***B1-101-SB-5***				
1,4-Dioxane	0.09	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.074	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.19	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.074	mg/kg	210	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-101-SB-5***				
2,4-Dichlorophenol	0.074	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.074	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
2-Chlorophenol	0.074	mg/kg	5,800	no	R
2-Methylphenol	0.074	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.15	mg/kg	41,000	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0045	mg/kg	30	no	R
Pentachlorophenol	0.19	mg/kg	4	no	R
Phenol	0.074	mg/kg	250,000	no	R
Sample:	***B1-102-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0061	mg/kg	30	no	R
Sample:	***B1-102-SB-4.5***				
1,4-Dioxane	0.1	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0051	mg/kg	30	no	R
Sample:	***B1-103-SB-1***				
1,4-Dioxane	0.07	mg/kg	24	no	R
Bromomethane	0.0035	mg/kg	30	no	R
Sample:	***B1-103-SB-5***				
1,4-Dioxane	0.063	mg/kg	24	no	R
Benzaldehyde	0.066	mg/kg	120,000	no	R
Bromomethane	0.0032	mg/kg	30	no	R
Sample:	***B1-104-SB-1***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Benzaldehyde	0.15	mg/kg	120,000	no	R
Bromomethane	0.0065	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-104-SB-5***				
1,4-Dioxane	0.079	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.073	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.073	mg/kg	210	no	R
2,4-Dichlorophenol	0.073	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.073	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.073	mg/kg	5,800	no	R
2-Methylphenol	0.073	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.15	mg/kg	41,000	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.004	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.073	mg/kg	250,000	no	R
Sample:	***B1-105-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0061	mg/kg	30	no	R
Sample:	***B1-105-SB-5***				
1,4-Dioxane	0.084	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.07	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.07	mg/kg	210	no	R
2,4-Dichlorophenol	0.07	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.07	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.07	mg/kg	5,800	no	R
2-Methylphenol	0.07	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.07	mg/kg	120,000	no	R
Bromomethane	0.0042	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.07	mg/kg	250,000	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-106-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.072	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.072	mg/kg	210	no	R
2,4-Dichlorophenol	0.072	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.072	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.072	mg/kg	5,800	no	R
2-Methylphenol	0.072	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Bromomethane	0.005	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.072	mg/kg	250,000	no	R
Sample:	***B1-106-SB-5***				
1,4-Dioxane	0.085	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.072	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.072	mg/kg	210	no	R
2,4-Dichlorophenol	0.072	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.072	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.072	mg/kg	5,800	no	R
2-Methylphenol	0.072	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Bromomethane	0.0043	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.072	mg/kg	250,000	no	R
Sample:	***B1-115-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.0051	mg/kg	30	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-116-SB-1***				
1,4-Dioxane	0.14	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0071	mg/kg	30	no	R
Sample:	***B1-116-SB-5***				
1,4-Dioxane	0.1	mg/kg	24	no	R
Benzaldehyde	0.07	mg/kg	120,000	no	R
Bromomethane	0.0051	mg/kg	30	no	R
Sample:	***B1-119-SB-1***				
1,4-Dioxane	0.099	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.073	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.073	mg/kg	210	no	R
2,4-Dichlorophenol	0.073	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.073	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.073	mg/kg	5,800	no	R
2-Methylphenol	0.073	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.15	mg/kg	41,000	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.073	mg/kg	250,000	no	R
Sample:	***B1-119-SB-5***				
1,4-Dioxane	0.078	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.07	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.07	mg/kg	210	no	R
2,4-Dichlorophenol	0.07	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.07	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.07	mg/kg	5,800	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-119-SB-5***					
2-Methylphenol	0.07	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Bromomethane	0.0039	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.07	mg/kg	250,000	no	R
Sample: ***B1-120-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0061	mg/kg	30	no	R
Sample: ***B1-121-SB-1***					
1,4-Dioxane	0.095	mg/kg	24	no	R
Bromomethane	0.0048	mg/kg	30	no	R
Sample: ***B1-122-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0058	mg/kg	30	no	R
Sample: ***B1-123-SB-1***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0054	mg/kg	30	no	R
Sample: ***B1-124-SB-1***					
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.0052	mg/kg	30	no	R
Sample: ***B1-125-SB-1***					
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.0051	mg/kg	30	no	R
Sample: ***B1-126-SB-1***					
1,4-Dioxane	0.091	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.071	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-126-SB-1***				
2,4,6-Trichlorophenol	0.071	mg/kg	210	no	R
2,4-Dichlorophenol	0.071	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.071	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.071	mg/kg	5,800	no	R
2-Methylphenol	0.071	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0045	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Sample:	***B1-127-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.077	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.19	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.077	mg/kg	210	no	R
2,4-Dichlorophenol	0.077	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.077	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
2-Chlorophenol	0.077	mg/kg	5,800	no	R
2-Methylphenol	0.077	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.15	mg/kg	41,000	no	R
Bromomethane	0.0051	mg/kg	30	no	R
Pentachlorophenol	0.19	mg/kg	4	no	R
Phenol	0.077	mg/kg	250,000	no	R
Sample:	***B1-127-SB-6***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0063	mg/kg	30	no	R
Sample:	***B1-128-SB-1***				
1,4-Dioxane	0.092	mg/kg	24	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Bromomethane	0.0046	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-129-SB-1***				
1,4-Dioxane	0.086	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.0043	mg/kg	30	no	R
Sample:	***B1-129-SB-5***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.075	mg/kg	120,000	no	R
Bromomethane	0.0055	mg/kg	30	no	R
Sample:	***B1-132-SB-1***				
1,4-Dioxane	0.098	mg/kg	24	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Sample:	***B1-132-SB-5***				
1,4-Dioxane	0.17	mg/kg	24	no	R
Benzaldehyde	0.08	mg/kg	120,000	no	R
Bromomethane	0.0086	mg/kg	30	no	R
Sample:	***B1-133-SB-1***				
1,4-Dioxane	0.093	mg/kg	24	no	R
Bromomethane	0.0046	mg/kg	30	no	R
Sample:	***B1-133-SB-5***				
1,4-Dioxane	0.12	mg/kg	24	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
Benzaldehyde	0.075	mg/kg	120,000	no	R
Bromomethane	0.006	mg/kg	30	no	R
Sample:	***B1-134-SB-1***				
1,4-Dioxane	0.099	mg/kg	24	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Sample:	***B1-134-SB-5***				
Bromomethane	0.0062	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-136-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0058	mg/kg	30	no	R
Sample: ***B1-136-SB-5***					
1,4-Dioxane	0.15	mg/kg	24	no	R
Benzaldehyde	0.077	mg/kg	120,000	no	R
Bromomethane	0.0073	mg/kg	30	no	R
Sample: ***B1-138-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample: ***B1-138-SB-7.5***					
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.005	mg/kg	30	no	R
Sample: ***B1-139-SB-1***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample: ***B1-139-SB-5***					
1,4-Dioxane	0.16	mg/kg	24	no	R
Bromomethane	0.0081	mg/kg	30	no	R
Sample: ***B1-143-SB-1***					
1,4-Dioxane	0.1	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.071	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.071	mg/kg	210	no	R
2,4-Dichlorophenol	0.071	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.071	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.071	mg/kg	5,800	no	R
2-Methylphenol	0.071	mg/kg	41,000	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-143-SB-1***				
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0051	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.071	mg/kg	250,000	no	R
Sample:	***B1-143-SB-4.5***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0059	mg/kg	30	no	R
Sample:	***B1-144-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.0052	mg/kg	30	no	R
Sample:	***B1-144-SB-5***				
1,4-Dioxane	0.1	mg/kg	24	no	R
Bromomethane	0.0051	mg/kg	30	no	R
Sample:	***B1-146-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0055	mg/kg	30	no	R
Sample:	***B1-146-SB-5***				
1,4-Dioxane	0.26	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.11	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.27	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.11	mg/kg	210	no	R
2,4-Dichlorophenol	0.11	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.11	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.27	mg/kg	1,600	no	R
2-Chlorophenol	0.11	mg/kg	5,800	no	R
2-Methylphenol	0.11	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.22	mg/kg	41,000	no	R
Benzaldehyde	0.11	mg/kg	120,000	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-146-SB-5***				
Bromomethane	0.013	mg/kg	30	no	R
Pentachlorophenol	0.27	mg/kg	4	no	R
Phenol	0.11	mg/kg	250,000	no	R
Sample:	***B1-147-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.072	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.072	mg/kg	210	no	R
2,4-Dichlorophenol	0.072	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.072	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.072	mg/kg	5,800	no	R
2-Methylphenol	0.072	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.072	mg/kg	250,000	no	R
Sample:	***B1-147-SB-5***				
1,1,2,2-Tetrachloroethane	0.0033	mg/kg	2.7	no	R
1,2,3-Trichlorobenzene	0.0033	mg/kg	930	no	R
1,2,4-Trichlorobenzene	0.0033	mg/kg	110	no	R
1,4-Dichlorobenzene	0.0033	mg/kg	11	no	R
1,4-Dioxane	0.066	mg/kg	24	no	R
2,4-Dinitrophenol	0.17	mg/kg	1,600	no	R
Benzaldehyde	0.067	mg/kg	120,000	no	R
Sample:	***B1-150-SB-1***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0065	mg/kg	30	no	R
Sample:	***B1-150-SB-8***				
1,4-Dioxane	0.095	mg/kg	24	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-150-SB-8***				
Bromomethane	0.0048	mg/kg	30	no	R
Sample:	***B1-151-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0055	mg/kg	30	no	R
Sample:	***B1-151-SB-5***				
1,4-Dioxane	0.23	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.1	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.25	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.1	mg/kg	210	no	R
2,4-Dichlorophenol	0.1	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.1	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.25	mg/kg	1,600	no	R
2-Chlorophenol	0.1	mg/kg	5,800	no	R
2-Methylphenol	0.1	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.2	mg/kg	41,000	no	R
Bromomethane	0.012	mg/kg	30	no	R
Pentachlorophenol	0.25	mg/kg	4	no	R
Phenol	0.1	mg/kg	250,000	no	R
Sample:	***B1-154-SB-1***				
1,4-Dioxane	0.089	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.073	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.073	mg/kg	210	no	R
2,4-Dichlorophenol	0.073	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.073	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.073	mg/kg	5,800	no	R
2-Methylphenol	0.073	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.0044	mg/kg	30	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-154-SB-1***				
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.073	mg/kg	250,000	no	R
Sample:	***B1-154-SB-5***				
1,4-Dioxane	0.098	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.07	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	0.18	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.07	mg/kg	210	no	R
2,4-Dichlorophenol	0.07	mg/kg	2,500	no	R
2,4-Dimethylphenol	0.07	mg/kg	16,000	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
2-Chlorophenol	0.07	mg/kg	5,800	no	R
2-Methylphenol	0.07	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.14	mg/kg	41,000	no	R
Benzaldehyde	0.07	mg/kg	120,000	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Pentachlorophenol	0.18	mg/kg	4	no	R
Phenol	0.07	mg/kg	250,000	no	R
Sample:	***B1-155-SB-1***				
1,4-Dioxane	0.19	mg/kg	24	no	R
Bromomethane	0.0094	mg/kg	30	no	R
Sample:	***B1-155-SB-5***				
1,4-Dioxane	0.16	mg/kg	24	no	R
Bromomethane	0.0079	mg/kg	30	no	R
Sample:	***B1-157-SB-1***				
1,4-Dioxane	0.1	mg/kg	24	no	R
2,4-Dinitrophenol	0.19	mg/kg	1,600	no	R
Bromomethane	0.005	mg/kg	30	no	R
Sample:	***B1-157-SB-8***				
1,4-Dioxane	0.13	mg/kg	24	no	R

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-157-SB-8***					
Bromomethane	0.0064	mg/kg	30	no	R
Sample: ***B1-159-SB-1***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0054	mg/kg	30	no	R
Sample: ***B1-159-SB-5***					
1,4-Dioxane	0.23	mg/kg	24	no	R
Benzaldehyde	0.091	mg/kg	120,000	no	R
Bromomethane	0.011	mg/kg	30	no	R
Sample: ***B1-160-SB-1***					
1,4-Dioxane	0.097	mg/kg	24	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Sample: ***B1-160-SB-5***					
1,4-Dioxane	0.12	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0062	mg/kg	30	no	R
Sample: ***B1-161-SB-1***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Benzaldehyde	0.071	mg/kg	120,000	no	R
Bromomethane	0.0057	mg/kg	30	no	R
Sample: ***B1-162-SB-1***					
1,4-Dioxane	0.096	mg/kg	24	no	R
Bromomethane	0.0048	mg/kg	30	no	R
Sample: ***B1-162-SB-4***					
1,4-Dioxane	0.11	mg/kg	24	no	R
Bromomethane	0.0054	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-163-SB-1***				
1,4-Dioxane	0.065	mg/kg	24	no	R
Bromomethane	0.0033	mg/kg	30	no	R
Sample:	***B1-163-SB-4***				
1,4-Dioxane	0.12	mg/kg	24	no	R
2,4-Dinitrophenol	0.18	mg/kg	1,600	no	R
Bromomethane	0.0062	mg/kg	30	no	R
Sample:	***B1-164-SB-1***				
1,4-Dioxane	0.12	mg/kg	24	no	R
Bromomethane	0.0062	mg/kg	30	no	R
Sample:	***B1-164-SB-4***				
1,1,2,2-Tetrachloroethane	0.0065	mg/kg	2.7	no	R
1,4-Dioxane	0.13	mg/kg	24	no	R
Bromomethane	0.0065	mg/kg	30	no	R
Sample:	***B1-165-SB-1***				
1,4-Dioxane	0.16	mg/kg	24	no	R
Bromomethane	0.008	mg/kg	30	no	R
Sample:	***B1-165-SB-9.5***				
1,4-Dioxane	0.13	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Bromomethane	0.0064	mg/kg	30	no	R
Sample:	***B1-166-SB-9***				
1,4-Dioxane	0.16	mg/kg	24	no	R
Benzaldehyde	0.09	mg/kg	120,000	no	R
Bromomethane	0.008	mg/kg	30	no	R
Sample:	***B1-167-SB-1***				
1,4-Dioxane	0.098	mg/kg	24	no	R
Benzaldehyde	0.093	mg/kg	120,000	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample: ***B1-167-SB-1***					
Bromomethane	0.0049	mg/kg	30	no	R
Sample: ***B1-167-SB-5***					
1,4-Dioxane	0.16	mg/kg	24	no	R
2,3,4,6-Tetrachlorophenol	0.09	mg/kg	25,000	no	R
2,4,5-Trichlorophenol	1.1	mg/kg	82,000	no	R
2,4,6-Trichlorophenol	0.45	mg/kg	210	no	R
2,4-Dichlorophenol	0.09	mg/kg	2,500	no	R
2-Chlorophenol	0.09	mg/kg	5,800	no	R
2-Methylphenol	0.09	mg/kg	41,000	no	R
3&4-Methylphenol(m&p Cresol)	0.18	mg/kg	41,000	no	R
Benzaldehyde	0.09	mg/kg	120,000	no	R
Bromomethane	0.0078	mg/kg	30	no	R
Pentachlorophenol	1.1	mg/kg	4	no	R
Phenol	0.09	mg/kg	250,000	no	R
Sample: ***B1-168-SB-1***					
1,4-Dioxane	0.098	mg/kg	24	no	R
Benzaldehyde	0.074	mg/kg	120,000	no	R
Bromomethane	0.0049	mg/kg	30	no	R
Sample: ***B1-168-SB-5***					
1,4-Dioxane	0.15	mg/kg	24	no	R
Benzaldehyde	0.078	mg/kg	120,000	no	R
Bromomethane	0.0077	mg/kg	30	no	R
Sample: ***B1-169-SB-1***					
1,4-Dioxane	0.086	mg/kg	24	no	R
Benzaldehyde	0.072	mg/kg	120,000	no	R
Bromomethane	0.0043	mg/kg	30	no	R
Sample: ***B1-169-SB-5***					
1,4-Dioxane	0.19	mg/kg	24	no	R
Bromomethane	0.0096	mg/kg	30	no	R

Rejected Results for Soil

Parameter	Result	Units	PAL	Exceeds PAL?	Flag
Sample:	***B1-170-SB-1***				
1,4-Dioxane	0.14	mg/kg	24	no	R
Benzaldehyde	0.07	mg/kg	120,000	no	R
Bromomethane	0.0069	mg/kg	30	no	R
Sample:	***B1-174-SB-1***				
1,4-Dioxane	0.14	mg/kg	24	no	R
Benzaldehyde	0.073	mg/kg	120,000	no	R
Sample:	***B1-174-SB-4***				
1,4-Dioxane	0.15	mg/kg	24	no	R
Sample:	***B1-181-SB-1***				
1,4-Dioxane	0.11	mg/kg	24	no	R
Sample:	***B1-181-SB-8***				
1,4-Dioxane	0.18	mg/kg	24	no	R

APPENDIX A

Parcel B1 Sampling Plan Summary
Former Sparrows Point Steel Mill
Sparrows Point, Maryland

Source Area Description	REC & Finding/ SWMU/ AOC	Figure or Drawing of Reference	RATIONALE	Number of Locations	Sample Locations	Boring Depth	Sample Depth	Analytical Parameters†
								Soil Samples
Coal Bins		Drawing 5032	Investigate potential impacts related to coal bins (potential leaks or releases).	2	B1-001 and B1-002	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Drip Legs (33)		Drip Legs Drawings 5885B, 5886B, and 5887	Coke oven gas condensate was removed from the gas pipelines at drip legs located throughout the distribution system. The condensate was typically discharged to drums, although it is possible some spilled out of the drums and on to the ground.	66	B1-003 through B1-068	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Electric Substation		Drawing 5138	Investigate potential impacts related to the electric substation (potential leaks or releases).	2	B1-069 and B1-070	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Former Diesel Fuel Spill Area	AOC G	DCC Figure 3-1	Waste oil was applied to the road surface for dust control. The application area was on the west side of Slab Haul Road. Approximately 50 tons of soil were removed during remediation efforts. Several thin layers of asphalt were observed during the soil removal, suggesting that the waste oil application actually represented several asphalt paving events.	2	B1-071 and B1-072	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Former Slab Cut-off Spill Area	AOC F	DCC Figure 3-1	Approximately 30 gallons of hydraulic oil were spilled on February 5, 1990. The oil discharged to the ground within the Slabbing Mill, between the Slab Yard and the Soaking Pits. The surface soil was observed to be oil-stained during the site inspection of 1991, but not during the 1997 visual site inspection.	2	B1-073 and B1-074	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Oil (Fuel/Lube) House or Shop (5)		Drawings 5026, 5027, 5032, and 5038	Investigate potential impacts related to the fuel/lube oil houses and shops (potential leaks or releases).	10	B1-075 through B1-084	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Glycol Tank		Drawing 5120-D	Investigate potential impacts related to the glycol tank (potential leaks or releases).	2	B1-085 and B1-086	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Oil Storage Tank		Drawings 5027	Investigate potential impacts related to the oil storage tank (potential leaks or releases).	2	B1-087 and B1-088	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Oily Waste Storage Tank		Drawing 5120-D	Investigate potential impacts related to the oily waste storage tank (potential leaks or releases).	2	B1-089 and B1-090	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
RCRA Regulated Storage Area	SWMU 193	DCC Figure IV-9	The regulated storage area contained drums of chromic acid, mercury, and antimony trichloride during the visual site inspection. The area was located inside the Former Skelp Mill Building. The area may have been the only RCRA permitted unit at Bethlehem Steel Corporation.	2	B1-091 and B1-092	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Roll Shop (containing oil vats)		Drawing 5033	Investigate potential impacts related to the roll shop, which contained oil vats (potential leaks or releases).	2	B1-093 and B1-094	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')

Parcel B1 Sampling Plan Summary
Former Sparrows Point Steel Mill
Sparrows Point, Maryland

Source Area Description	REC & Finding/ SWMU/ AOC	Figure or Drawing of Reference	RATIONALE	Number of Locations	Sample Locations	Boring Depth	Sample Depth	Analytical Parameters†
								Soil Samples
Scale Pit (Rolling Mill)	SWMU 92	DCC Figure 3-1	The Rolling Mill Scale Pit is located outdoors and on the southwest side of the Plate Mill. It contains a concrete pit which managed mill scale. The pit was designated as a unit managing non-hazardous waste, and no known releases were recorded.	2	B1-095 and B1-096	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Scale Pit - Other (5)		Drawings 5026, 5033, 5120-D, and 5526	Investigate potential impacts related to the scale pits (potential leaks or releases), other than the Rolling Mill Scale Pit, discussed above.	10	B1-097 through B1-106	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Settle Basin (2)		Drawing 5033	Investigate potential impacts related to the settle basins (potential leaks or releases).	4	B1-107 through B1-110	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Soaking Pits (5)		DCC Figure 3-1	Investigate potential impacts related to the No. 1 through No. 5 soaking pits (potential leaks or releases).	10	B1-111 through B1-120	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Spray Pond		Drawing 5033	Investigate potential impacts related to the smaller spray pond (potential leaks or releases), located adjacent to the Rolling Mills Impoundment (REC 9B), discussed below.	2	B1-121 and B1-122	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Rolling Mills Impoundment	REC 9B, Finding 238	REC Location Map/ Drawing 5033	The Rolling Mills Impoundment was recognized in the DCC report from a 1952 aerial photograph. Weaver Boos observed this area to be vacant during the site visit, but speculated that hazardous substances and/or petroleum products may have been present based on experience and historical source information.	3	B1-123 through B1-125	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Spray Water Strainer Room		Drawing 5126	Investigate potential impacts related to the spray water strainer room (potential leaks or releases).	2	B1-126 and B1-127	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Storage Tank - Unknown Contents		Drawing 5026	Investigate potential impacts related to the storage tank with unknown contents (potential leaks or releases).	2	B1-128 and B1-129	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Transformer Storage Area		Drawing 5132	Investigate potential impacts related to the transformer storage area (potential leaks or releases). The area may have held PCB-containing equipment.	2	B1-130 and B1-131	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Waste Oil Stabilization/ Packing Area	REC 9A, Finding 233/ SWMU 194	REC Location Map/ DCC Figures 3-1 and IV-9	This unit consisted of a concrete pad, a soil/gravel area, and 28 dumpsters. The unit received drums of waste oil from around the site. The waste oil was typically contaminated with soil, speedy dry, and grease. Upon arrival, the drums were transported to the dumpsters and emptied. The oil within the dumpsters was then mixed with lime and/or soil to stabilize it. The concrete pad was described as severely cracked and stained in the RFA Report.	3	B1-132 through B1-134	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')

Parcel B1 Sampling Plan Summary
Former Sparrows Point Steel Mill
Sparrows Point, Maryland

Source Area Description	REC & Finding/ SWMU/ AOC	Figure or Drawing of Reference	RATIONALE	Number of Locations	Sample Locations	Boring Depth	Sample Depth	Analytical Parameters†
								Soil Samples
Parcel B1 Coverage			Investigate potential impacts related to unknown historical activities, and characterize soil in areas not previously sampled.	24	B1-135 through B1-158	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Possible PCB-Containing Area		PCB Inventory Map	Investigate potential impacts related to former possible PCB-containing transformer areas.	15	B1-159 through B1-173	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Spare Parts Mat		Drawing 5132	MDE Request. Investigate potential impacts related to the spare parts mat (potential leaks or releases).	1	B1-174	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Locomotive Repair Building		Drawing 5127	MDE Request. Investigate potential impacts related to the locomotive repair building (potential leaks or releases).	2	B1-175 and B1-176	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
Roll Shop Storage Yard		Drawing 5133	MDE Request. Investigate potential impacts related to the roll shop storage yard (potential leaks or releases).	1	B1-177	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
160" Plate Mill		DCC Figure	MDE Request. Investigate potential impacts related to the 160" Plate Mill (potential leaks or releases), and provide additional site coverage.	2	B1-178 and B1-179	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
60" Plate Mill		DCC Figure	MDE Request. Investigate potential impacts related to the 60" Plate Mill (potential leaks or releases), and provide additional site coverage.	2	B1-180 and B1-181	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
East Procesing Building		DCC Figure	MDE Request. Investigate potential impacts related to the East Processing Building (potential leaks or releases), and provide additional site coverage.	2	B1-182 and B1-183	Total depth of 20 feet or groundwater.	0-1', 4-5', 9-10' bgs. 4-5' interval may be adjusted in the field based on observations or field screening.	VOC, SVOC, Metals, DRO/GRO, PCBs (0-1')
			Total:	183				

Soil Borings Sampling Density Requirements (from **Worksheet 17 - Sampling Design and Rationale**)
No Engineered Barrier (>100 acres): 1 boring per 3 acres with no less than 40.
Engineered Barrier (>100 acres): 1 boring per 6 acres with no less than 20.
No Engineered Barrier (111.0 acres) = **40 borings required, 101 proposed**
Engineered Barrier (106.4 acres) = **20 borings required, 82 proposed**
Parking/Roads (59.2 acres)
Buildings (47.2 acres)

VOCs - Volatile Organic Compounds (Target Compound List)
SVOCs - Semivolatile Organic Compounds (Target Compound List)
Metals - (Target Analyte List plus Hexavalent Chromium and Cyanide)
DRO/GRO - Diesel Range Organics/Gasoline Range Organics
PCBs - Polychlorinated Biphenyls
bgs - Below Ground Surface
† Groundwater Samples are addressed by the Area B Groundwater Work Plan

APPENDIX B

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-001-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 566862.73
Easting (US ft)	: 1457003.39

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-001-SB-1	(0.0-0.5') ORGANIC SILT, loose, brown, dry, no plasticity	ML	
				(0.5-0.75') BRICK, hard, loose, beige, dry, no plasticity	-	
				(0.75-0.92') SAND, poorly graded, medium-grained, loose, beige, moist, no plasticity	SP	
		1.4		(0.92-4.5') SILT, with fine SAND, soft, black/dark brown, dry, no plasticity, grades down to SILT, hard, moist, no plasticity, cohesive		
	70	1.6			ML	
		1.5				
		0.9				
5				(4.5-6') SAND, poorly graded, very coarse grained, loose, beige, moist, no plasticity	SP	
		-				
				(6-6.7') GRAVELLY SAND, loose, brown, moist, no plasticity	SW	
		4.2				
				(6.7-10') SLAG, GRAVEL and SAND-sized with small COAL fragments at depth, loose, brown with reddish yellow mottling, moist then wet at 9.5', no plasticity, no cohesion		
	80	95.0				
		128.8	B1-001-SB-9		GP/SP	
		24.7				Wet at 9.5' bgs Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-002-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy, drizzle
Northing (US ft)	: 566893.99
Easting (US ft)	: 1456999.67

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-002-SB-1	(0.0-0.5') BRICK, GRAVEL-sized, hard, loose, beige, dry, no plasticity	GP	
				(0.5-2.5') SILT, soft, black, dry, no plasticity		
		0.0			ML	
	60	10.4		(2.5-4') SLAG, GRAVEL and SAND-sized with few CLAY lenses, hard, loose, moist, no plasticity		
		67.1			GP/SP	
				(4-6') SLAG, coarse to very coarse-grained with few large GRAVEL, loose, moist, no plasticity		
		92.5				
5					GP/SP	No 5' sample collected due to slag
		-				
				(6-9.5') SANDY GRAVEL, hard, loose, brown, moist, no plasticity, evidence of oxidation throughout		
		-				
	50	96.7			GP	
		354.8	B1-002-SB-9			
						Wet at 9.5' bgs
		12.6				
				(9.5-10') SLAG, GRAVEL and SAND-sized with small lenses of clay present, hard, loose, brown and gray, wet, no plasticity	GP/SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-003-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 70s, sunny
Northing (US ft)	: 565533.15
Easting (US ft)	: 1457161.61

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-003-SB-1	(0.0-2') SAND, fine to medium grained with trace GRAVEL, soft, very loose, brown, dry, no plasticity	SW	
		0.0				
				(2-2.5') SANDY GRAVEL, hard, loose, gray and black, dry, no plasticity	GP	
	80	0.0		(2.5-5') SAND, medium grained with GRAVEL SLAG, METALLIC GRAVEL at depth, loose, brown and gray, dry, no plasticity	SP	
		0.0				
		29.6	B1-003-SB-5			
5		0.0		(5-7.5') SAND, coarse grained, loose, beige, moist, no plasticity	SP	
		0.0				
	100	0.0		(7.5-8') GRAVELLY SAND, with clay lenses, loose, beige, wet, no plasticity, clay exhibits high plasticity and cohesion	SP/SC	Wet at 7.5' bgs
		0.0		(8-10') CLAY, firm, light gray with reddish yellow mottling, moist, high plasticity, cohesive	CH	
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-004-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy, light rain
Northing (US ft)	: 565550.76
Easting (US ft)	: 1457156.45

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-004-SB-1	(0.0-4.5') SANDY GRAVEL, poorly graded, loose, brown, dry, no plasticity	GP	
	70	7.3				
		7.1				
		7.1				
		7.0	B1-004-SB-5			
5				(4.5-4.8') GRAVEL, poorly graded, loose, grey-green, dry, no plasticity	GP	
		-		(4.8-5.5') SANDY GRAVEL, poorly graded, loose, brown, dry, no plasticity	GP	
		8.6		(5.5-8') SANDY GRAVEL, poorly graded, few large SLAG, loose, gray and brown, dry, no plasticity	GP	
	80	9.2				
		8.3		(8-10.5') CLAY, soft, gray, moist, high plasticity, cohesive	CH	
		7.4				
10		-		(10.5-14.7') CLAY, soft, gray, moist, high plasticity, cohesive	CH	Wet at 14.7' bgs
	70	-				
		-				Boring terminated at 15' bgs due to encountering groundwater
		-				
		-				
15				(14.7-15') SAND, loose, gray, wet, no plasticity	SP	

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-005-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 567754.71
Easting (US ft)	: 1456840.77

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-005-SB-1	(0.0-2.5') SILT, with SLAG GRAVEL, loose, brown, no plasticity	ML	
		-				
	60	14.9		(2.5-3.5') SILT with SAND, soft, loose, brown, dry, no plasticity	ML	
		15.6		(3.5-5.5') SAND, poorly graded, with SILT, loose, dry, no plasticity; grades down to SAND, poorly graded, loose, beige and brown, dry, no plasticity	SP-SM	
		18.6				
5		-		(5.5-7.5') SAND, poorly graded, coarse to very coarse grained, loose, beige, moist, no plasticity	SP	
		-				
	80	28.3	B1-005-SB-8	(7.5-8') SAND, well graded, with small to large SLAG, fine to medium grained, loose, brown and orange, moist, no plasticity	SW	Wet at 8' bgs
		128.3		(8-10') SILTY SAND, brown, wet, low cohesion, no plasticity, grades down to GRAVEL, poorly graded, hard, loose, light gray, wet, no plasticity	SM/GP	
		92.4				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-006-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 567741.64
Easting (US ft)	: 1456842.79

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-006-SB-1	(0.0-1.5') SILT, soft, loose, brown, dry, no plasticity	ML	
		15.1		(1.5-5.5') SILT, with fine sand, soft, brown, dry, no plasticity, grades down to SILTY SAND, fine to medium grained, soft, loose, brown, dry, no plasticity	ML/SM	
	85	17.5				
		20.0				
		20.0	B1-006-SB-5			
5		-		(5.5-7.5') SAND, poorly graded, medium grained with trace SLAG GRAVEL, loose, brown, dry, no plasticity	SP	Wet at 7.5' bgs
		19.5				
	90	20.3		(7.5-10') SLAG, loose, brown grading to light gray, wet, no plasticity, no cohesion	GW	
		-				
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-007-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Ali Berenbrok-Niblett
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 60s, sunny
Northing (US ft)	: 567724.67
Easting (US ft)	: 1456721.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-007-SB-1	(0.0-2') SAND, well graded, fine to medium grained with SILT and "FILL" GRAVEL, loose, brown, dry, no plasticity	SW	
		19.9				
				(2-2.5') SAND, medium grained, loose, brown and beige, dry, no plasticity	SP	
	80	20.4		(2.5-2.7') SILT, hard, loose, light brown, dry, no plasticity	ML	
				(2.7-4.3') SANDY GRAVEL, loose, gray, dry, no plasticity	GP	
		23.9				
		21.4	B1-007-SB-5	(4.3-4.5') GRAVEL, poorly graded, hard, loose, gray, dry, no plasticity	GP	
5				(4.5-5.5') GRAVELLY SILT, soft, loose, brown and gray, dry, no plasticity	ML	
		-		(5.5-9) SILTY CLAY, very firm, tan and light gray, high plasticity, cohesive, grades down to CLAY with silt, soft, tan and light gray, moist, med plasticity, cohesive	CH/CL	Wet at 9' bgs
		11.9				
	90	13.7				
		11.7				
		-		(9-10') SANDY GRAVEL, loose, brown, wet, no plasticity	GP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-008-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Ali Berenbrok-Niblett
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 60s, cloudy
Northing (US ft)	: 567719.75
Easting (US ft)	: 1456715.22

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-008-SB-1	(0.0-2') SILT trace GRAVEL, soft, brown, dry, no plasticity	ML	
		13.1		(2-2.5') BRICK, hard, loose, beige, dry, no plasticity, no cohesion	-	
	80	18.4		(2.5-3') BRICK, hard, loose, green, dry, no plasticity, no cohesion	-	
		16.3		(3-4.5') SAND, poorly graded, medium grained with trace lenses of CLAY, loose, brown, dry, no plasticity, no cohesion	SP	
		12.0		(4.5-6.5') CLAY, hard, light gray, dry, high plasticity, cohesive	CH	
5		-				
		-		(6.5-7.5') SAND, poorly graded, medium grained, loose, beige-gold, dry, no plasticity, no cohesion	SP	
	70	26.5	B1-008-SB-7.5	(7.5-9') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP	
		26.8				
				(9-9.5') CLAY, trace SAND and SILT, soft, tan, moist, low plasticity, cohesive	CL	Wet at 9.5' bgs
		12.2		(9.5-10') CLAY, trace SAND and SILT, soft, tan, wet, low plasticity, cohesive	CL	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-009-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 60s, sunny
Northing (US ft)	: 567703.64
Easting (US ft)	: 1456425.21

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-009-SB-1	(0.0-2.5') SILT, with trace SAND, thin layer of ASPHALT at top and WOOD fragments throughout, soft, brown, moist, no plasticity, no cohesion	ML	
		-				
	60	6.1		(2.5-3.3') SLAG, loose, beige and light gray, moist, no plasticity, no cohesion	GP	
		6.7		(3.3-4') SAND, poorly graded, fine grained, with SILT, loose, brown, moist, no plasticity, no cohesion	SP-SM	
				(4-4.5') SAND, with mostly oyster SHELLS, white and brown, moist, no plasticity, low cohesion	SP	
		7.0	B1-009-SB-5	(4.5-5') SILT, soft, gray-brown, moist, low plasticity, cohesive	ML	
5				(5-7.5') SANDY CLAY, with increasing SAND at depth, soft, tan and light gray, wet, high plasticity, cohesive		Wet at 5' bgs
		4.2			CH	
		6.1				
	100	5.3		(7.5-10') CLAY trace SAND, hard, tan and light gray, dry to moist, high plasticity, cohesive		
		14.4			CH	
		6.1				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-010-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 567718.79
Easting (US ft)	: 1456419.90

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	B1-010-SB-1	(0.0-2.5') SILT, with small grass ROOTS, soft, loose, brown, dry, no plasticity	ML	
		-				
		13.7		(2.5-3.5') SAND, well graded, fine to medium grained with SILT; grades to med/coarse SAND with small GRAVEL SLAG, loose, brown, dry, no cohesion, no plasticity	SW-SM	
		6.2		(3.5-6') CLAY, with chunk of WOOD and trace SAND present, soft, tan with orange mottling, slightly moist, high plasticity, cohesive	CH	
5		2.0	B1-010-SB-5			
		-				
	60	-		(6-9') GRAVELLY SAND, medium to coarse grained with trace CLAY and GRAVEL, loose, brown, wet, no plasticity, no cohesion	SW	
		-				
		-		(9-10') SAND, poorly graded, loose, tan, wet, medium plasticity, cohesive	SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-011-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567653.35
Easting (US ft)	: 1456357.52

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-011-SB-1	(0.0-8') SANDY GRAVEL, loose, dark brown, moist, no plasticity	GW	
		-				
	20	-				
		-				
		0.7				
5		-				
		19.5	B1-011-SB-7			
	80	1.6				
				(8-9.7') SANDY CLAY, soft, tan, wet, low plasticity, cohesive	CL	Wet at 8' bgs
		0.5				
		0.3				
10				10') SAND, poorly graded, medium grained, tan, wet, no plasticity, cohesive	SP	Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-012-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567640.53
Easting (US ft)	: 1456359.92

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-012-SB-1	(0.0-0.5') CONCRETE, loose, beige, dry, no plasticity, no cohesion	-	
				(0.5-2.5') SAND, well graded, fine to coarse grained, loose, black, dry, no plasticity, no cohesion	SW	
		-				
	70	45.1		(2.5-5.5') SLAG GRAVEL, poorly graded, large, loose, black, moist, no plasticity	GP	
		16.2				
		11.4				
5						
		-		(5.5-6') SLAG, loose, black, moist, no plasticity, no cohesion	GP	
		11.5		(6-8') GRAVEL, poorly graded, hard, loose, gray, dry, no plasticity	GP	
	90	11.7				
		8.6	B1-012-SB-9	(8-10.0') SANDY CLAY, soft, beige, moist to wet, medium plasticity, cohesive	CL	Wet at 9.5' bgs
		1.1				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-013-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567231.34
Easting (US ft)	: 1456448.00

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-013-SB-1	(0.0-0.5') CONCRETE, GRAVEL and SAND-sized, loose, beige, dry, no plasticity, no cohesion	-	
				(0.5-1.5') SILTY SAND, loose, black, moist, no plasticity	SM	
		-		(1.5-4.0') SAND, poorly graded, medium grained, loose, brown/black, moist, no plasticity, oxidation present	SP	
	50	-				
		0.0				
		25.9		(4.0-6.5') SAND, poorly graded, coarse grained with small GRAVEL, dense, black, moist, no plasticity, no cohesion	SP	
5		-				
		14.3		(6.5-6.7') SAND, poorly graded, medium grained, loose, tan, moist, no plasticity, no cohesion	SP	
	80	26.6		(6.7-12') GRAVELLY SAND, fine to coarse grained, loose, black/brown, moist, no plasticity		
		112.4	B1-013-SB-9			
		23.5	B1-013-SB-10		SW	
10		-				
		-				Wet at 13' bgs
	40	-		(12-15') SANDY GRAVEL, loose, brown, wet, no plasticity, no cohesion	GW	
		-				Boring terminated at 15' bgs due to encountering groundwater
		-				
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-014-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567243.76
Easting (US ft)	: 1456440.24

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-014-SB-1	(0.0-3') BRICK AND CONCRETE, GRAVEL and SAND-sized, loose, dry, no plasticity, no cohesion	GP/SP	
	70	-				
		6.5				
		13.3		(3-7') SILTY SAND, fine grained with trace metallic GRAVEL, dark brown, loose, dry, no plasticity, no cohesion	SM	
		2.4	B1-014-SB-5			
5		-				
		2.5				
				(7-7.5') SLAG, gray, loose, dry, no plasticity, no cohesion	GP	
	90	5.4		(7.5-11.5') SANDY SILT, soft, brown, dry, no plasticity, no cohesion	ML	
		7.1				
		2.0	B1-014-SB-10			
10		-				
		-				Wet at 12.5' bgs
	100	-		(11.5-14.5') SAND, Poorly Graded, medium grained, brown, loose, wet, no plasticity, no cohesion	SP	
		-				Boring terminated at 15' bgs due to encountering groundwater
		-		(14.5-15') SANDY GRAVEL, gray, loose, wet, no plasticity, no cohesion	GP	
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-015-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567155.81
Easting (US ft)	: 1456524.42

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-015-SB-1	(0.0-0.7') SLAG GRAVEL and SAND-sized, loose, brown, dry, no plasticity, no cohesion	GP/SP	
				(0.7-0.9') CONCRETE, gray, loose, dry, no plasticity, no cohesion	GP	
		-		(0.9-5.5') CONCRETE, beige and brown, loose, moist, no plasticity, no cohesion	GP	
	60	2.9				
		25.9				
		0				
5		-		(5.5-6.2') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP	
		24.3		(6.2-10.7') SAND, Well Graded, fine to medium grained with trace pistacio-green GRAVEL, brown/black, loose, moist, no plasticity, no cohesion; grades down to SAND, Poorly Graded, coarse grained with GRAVEL, loose, brown, moist, no plasticity, no cohesion	SW/SP	Oxidation througout 8-10' bgs
	80	25.4				
		354.9	B1-015-SB-9			
		16.1	B1-015-SB-10			
10		-		(10.7-13') SAND, Poorly Graded, fine grained with trace GRAVEL, brown, loose, dry, no plasticity, no cohesion	SP	
		-				
	70	-				
		-		(13-15') SAND, Poorly Graded, loose, brown, wet, no plasticity, no cohesion	SP	Wet at 13' bgs Boring terminated at 15' bgs due to encountering groundwater
		-				
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-016-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 50s, sunny
Northing (US ft)	: 567146.22
Easting (US ft)	: 1456536.05

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-016-SB-1	(0.0-0.5') CONCRETE, loose, white-gray, dry, no plasticity, no cohesion	GP	
				(0.5-4.8') SAND, Well Graded, fine to medium grained with SLAG GRAVEL, loose, brown/black, dry, no plasticity, no cohesion		
		3.7				
	80	6.0			SW	
		5.4				
		3.6	B1-016-SB-5			
5				(4.8-7.5') CONCRETE, loose, beige, dry, no plasticity, no cohesion		
		-			GP	
		-				
	60	4.7		(7.5-9') SILTY SAND with SLAG GRAVEL, loose, black, moist, no plasticity, no cohesion		Wet at 9.9' bgs
		4.1			SM	
		8.5		(9-10') GRAVELLY SAND, loose, dark brown with red brick and black 1 in. layer of coarse sand in center, moist but wet in last inch, no plasticity, no cohesion	SW	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-017-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy, light rain
Northing (US ft)	: 565762.44
Easting (US ft)	: 1457159.25

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-017-SB-1	(0.0-4') GRAVEL, Poorly Graded, with SAND, loose, brown, dry, no plasticity, no cohesion	GP	
		7.8				
	70	7.4				
		7.2				
		7.0	B1-017-SB-5	(4-5.5') SAND, Well Graded, with SLAG GRAVEL, loose, black, dry, no plasticity, no cohesion	SW	
5		-		(5.5-7') SAND, Poorly Graded, with GRAVEL, loose, tan, dry, no plasticity, no cohesion	SP	
		12.1				
				(7-8') GRAVEL, Poorly Graded, with SAND, loose, dark brown, wet, no plasticity, no cohesion	GP	Wet at 7' bgs
	80	9.4				
				(8-10') CLAY, soft, tan, dry, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
		9.6				
		9.0				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-018-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy, light rain
Northing (US ft)	: 565751.91
Easting (US ft)	: 1457155.48

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	-	B1-018-SB-1	(0.0-4.0') SAND, Poorly Graded, with some large GRAVEL, brown and white, moist to dry, no plasticity, no cohesion	SP	
		-				
		7.4				
		7.1				
		6.7	B1-018-SB-5	(4-6') SAND, Well Graded, with SLAG GRAVEL loose, black, dry, no plasticity, no cohesion	SW	
5		-				
		13.1		(6-8.5') SAND, Poorly Graded, with GRAVEL, brown, dry with bottom 6" wet, no plasticity, no cohesion	SP	Wet at 8' bgs
	70	9.1				
		9.2		(8.5-10') CLAY, soft, gray, moist, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
		9.1				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-019-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565960.61
Easting (US ft)	: 1457107.08

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-019-SB-1	(0-3') SILTY SAND, with gray SLAG GRAVEL, loose, brown grading to dark brown, dry, no plasticity, no cohesion	SM	
		22.2				
	82	27.6				
				(3-6') SANDY SILT, with gray SLAG GRAVEL, dark brown to black, soft, moist, low plasticity, cohesive		Trace oxidation 3-6' bgs
		21.7				
		22.2	B1-019-SB-5		ML	
5		-				
		-		(6-7.5') GRAVEL, loose, gray, wet, no plasticity, no cohesion	GP	Wet at 7' bgs
	60	-		(7.5-10') CLAY, soft, brown, wet, high plasticity, cohesive		
		-			CH	
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-020-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565970.31
Easting (US ft)	: 1457104.84

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-020-SB-1	(0-1.8') GRAVELLY SAND, fine to medium grained sand with trace silt, brown, moist near top then dry, no plasticity, no cohesion	SW	
		18.1				
				(1.8-3') SANDY GRAVEL, loose, light gray and brown, dry, no plasticity, no cohesion	GW	
	83	18.6				
				(3-3.6') GRAVELLY SAND, fine to medium grained sand with trace silt, brown, moist, no plasticity, no cohesion	SW	
		19.3		(3.6-5') SANDYGRAVEL, loose, light gray and brown, dry, no plasticity, no cohesion	GW	
		22.1	B1-020-SB-5			
5				(5-7.5') GRAVEL with SAND, loose, light gray and brown, dry then wet at 7.5' bgs, no plasticity, no cohesion	GP	Wet at 7.5' bgs
		-				
		-				
	70	20.6		(7.5-10') CLAY with trace SAND and GRAVEL, soft, brown and light gray, wet, high plasticity, cohesive	CH	
		17.1				
		19.6				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-021-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566000.74
Easting (US ft)	: 1456227.82

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-021-SB-1	(0-5') SAND with SLAG GRAVEL, loose, dark brown, dry, no plasticity, no cohesion		
		12.8				
	80	21.1			SW	
		23.1				
		3.9	B1-021-SB-5			
5		4.4		(5-7') SILTY CLAY, very soft, tan, wet, med plasticity, cohesive	CL	Wet at 6' bgs
		1.1				
	100	8.4		(7-11') SILT, stiff, gray, dry, no plasticity, no cohesion		
		6.9			ML	
		4.2				
10		-				
		-		(11-15') SANDY CLAY, soft, tan, moist, med plasticity, cohesive		
	80	-			CL	
		-				
		-				Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-022-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566028.57
Easting (US ft)	: 1456240.36

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-022-SB-1			
		8.5				
	70	6.7				
		3.0				
		0.0	B1-022-SB-5			
5		-		(0-10') SAND with SLAG GRAVEL, loose, black to gray, dry then wet at 9.5' bgs, no plasticity, no cohesion	SW	
		-				Wet at 9.5' bgs
	40	-				
		6.5				
		6.7				
10						Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-023-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/29/2016
Weather	: 40s, sunny
Northing (US ft)	: 567966.12
Easting (US ft)	: 1456396.87

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-023-SB-1	(0.0-1.3') SILT, with small grass ROOTS, soft, brown, dry, no plasticity, no cohesion	ML	
		50.3		(1.3-2') SILT with fine SAND and trace SLAG GRAVEL, soft, no cohesion, no plasticity	ML	
	80	50.4		(2-2.5') SAND, Poorly Graded, coarse grained, loose, dry, beige, no plasticity, no cohesion	SP	
				(2.5-3.5') SLAG GRAVEL and SAND-sized, loose, moist, gray, no plasticity, no cohesion	GP/SP	
		53.5	B1-023-SB-4	(3.5-4') SAND, Well Graded, medium grained with oxidation throughout, loose, moist, no plasticity, no cohesion	SW	
		39.1		(4-8') SANDY GRAVEL, coarse SAND with SLAG, loose, brown, moist, no plasticity, no cohesion	GP	
5		-				
		-				Wet at 8' bgs
	60	37.4				
				(8-8.3') SILTY CLAY with trace SAND, brown with reddish yellow mottling and some olive-green coloration, soft, wet, med plasticity, cohesive	CL	
		34.4		(8.3-10') CLAYEY SILT, with trace SAND, hard, gray with olive-green at top, moist, low plasticity to med plasticity, cohesive	ML/CL	Boring terminated at 10' bgs due to encountering groundwater
		34.9				
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-024-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/29/2016
Weather	: 30s, sunny
Northing (US ft)	: 567967.94
Easting (US ft)	: 1456407.51

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-024-SB-1	(0.0-2.5') SILT with SLAG GRAVEL and trace SAND, soft, brown, dry, no plasticity, no cohesion	ML	
		-				
	60	41.8		(2.5-3.2') SAND, loose, beige, moist, no plasticity, no cohesion	SP	
		44.2		(3.2-9.5) SLAG GRAVEL and SAND-sized, medium to coarse grained with trace silt and oxidation, loose, brown and gray/light gray with trace light bluish green coloration at 9', dry, no plasticity, no cohesion	GP/SP	
		44.2	B1-024-SB-5			
5		-				Slight sulfur smell
		-				
	50	-				
		43.1				Wet at 9.5' bgs Boring terminated at 10' bgs due to encountering groundwater
		42.4		(9.5-10') CLAY with trace SAND, slightly firm, brown with reddish yellow mottling, wet, high plasticity, cohesive	CH	
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-025-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 568023.03
Easting (US ft)	: 1456874.86

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-025-SB-1	(0.0-3.5') GRAVELLY SAND with SILT, loose, brown and light gray, moist, no plasticity, no cohesion		
		-			SW-SM	
	60	23.4				
		36.8				Wet at 3.5' bgs
				(3.5-10') GRAVEL, Well Graded, loose, gray, wet, no plasticity, no cohesion		
		23.0				
5						
		-				
		-			GW	
	50	-				
		23.4				
						Boring terminated at 10' bgs due to encountering groundwater
		20.9				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-026-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 568033.97
Easting (US ft)	: 1456866.65

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-026-SB-1	(0.0-2.5') SILT with SAND, stiff, brown, moist, no plasticity, no cohesion	ML	
		-				
	60	22.9		(2.5-7.5') SAND, Well Graded, medium to coarse grained with SILT and small SLAG GRAVEL at top, loose, brown and beige, dry, no plasticity, no cohesion	SW-SM	
		21.0				
		14.5				
5		-				
		20.6				
	70	19.6	B1-026-SB-7.5	(7.5-8.5') SAND, Poorly Graded, very coarse grained, loose, light beige, moist, no plasticity, no cohesion	SP	Trace oxidation 9.5-9.5' bgs
		22.9		(8.5-9.5') SANDY GRAVEL, loose, brown, wet, no plasticity, no cohesion	GW	Wet at 8.5' bgs Boring terminated at 10' bgs due to encountering groundwater
		73.5		(9.5-10') SAND, Poorly Graded, loose, very coarse grained, white to light beige, wet, no plasticity, no cohesion plasticity	SP	
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-027-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/29/2016
Weather	: 50s, sunny, windy
Northing (US ft)	: 568041.66
Easting (US ft)	: 1456739.43

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-027-SB-1	(0.0-1.0') SILT, soft, brown, dry, sno plasticity, no cohesion	OL	Small roots 0-1.5' bgs
		36.0		(1.0-2.8') SAND, Poorly Graded, medium grained, loose, beige, moist, no plasticity, no cohesion	SP	
	70	37.6				
				(2.8-3.2') SILT, stiff, bright dark green, moist, low plasticity, cohesive	ML	
				(3.2-3.3') SAND, Well Graded, medium to coarse grained, loose, off-white to beige, moist, no plasticity, no cohesion	SW	
		29.5		(3.3-3.8') SAND, Poorly Graded, medium grained, loose, orange-brown, moist, no plasticity, no cohesion	SP	Sludge odor 3.8-4.5' bgs
				(3.8-4.5') SANDY GRAVEL, loose, light beige and gray, moist then wet at 4.5', no plasticity, no cohesion	GP	Wet at 4.5' bgs
		30.1				Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-028-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/29/2016
Weather	: 50s, sunny, windy
Northing (US ft)	: 568028.92
Easting (US ft)	: 1456750.49

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-028-SB-1	(0.0-1') SILT with trace SAND, soft, brown, dry, no plasticity, no cohesion	ML	
		45.9		(1-2.5') SAND, Well Graded, medium to coarse grained, light brown, dry, no plasticity, no cohesion	SP	
	80	45.0		(2.8-2.9') SILT, very stiff, dark green, dry, no plasticity, no cohesion	ML	
				(2.9-3.5') SAND, Poorly Graded, coarse grained, dense, very light beige to beige, moist, no plasticity, no cohesion	SP	
		42.9	B1-028-SB-4	(3.5-5.8') GRAVELLY SAND, loose, light gray, dry, no plasticity, no cohesion	SP	
		39.0				
5		-				
				(5.8-6.3') SILTY GRAVEL,loose, off-white and light gray, moist then wet at 6.3', no plasticity, no cohesion	GM	Wet at 6.3' bgs
	80	42.0				
		-				
		-				Boring terminated at 10' bgs due to encountering groundwater
		-				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-029-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 40s, sunny
Northing (US ft)	: 565751.92
Easting (US ft)	: 1459028.55

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-029-SB-1	(0.0-2.5') SAND, Well Graded, with SILT and GRAVEL, medium to coarse grained, loose, brown, dry, no plasticity, no cohesion	SP-SM	Trace glass shards 0-2.5' bgs
		-				
	70	9.8		(2.5-3') SILTY GRAVEL, loose, brown, moist, no plasticity, no cohesion	GM	
		15.1		(3-8') CLAY with SILT at depth, brown with reddish yellow mottling, moist, med to high plasticity, cohesive		
		10.9	B1-029-SB-5			
5		-			CL/CH	
	80	13.5				
		20.6				Wet at 8' bgs
		18.9		(8-10') CLAY with trace SLAG and coarse SAND, stiff, light brown and black, wet, med plasticity, cohesive	CL	Boring terminated at 10' bgs due to encountering groundwater
		13.0				
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
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Boring ID: B1-030-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 40s, cloudy
Northing (US ft)	: 565759.62
Easting (US ft)	: 1459020.82

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-030-SB-1	(0.0-3') SLAG GRAVEL and SILT-sized with trace SAND, soft, brown, dry, no plasticity, no cohesion	ML	
		-				
	57	24.3				
		34.7		(3-4') SLAG GRAVEL and SAND-sized, loose, brown, dry, no plasticity, no cohesion	GP/SP	
		19.2	B1-030-SB-5	(4-7') CLAY with SILT, stiff, beige and light gray mottling, moist, med plasticity, cohesive	CL-CM	
5		-				
	80	6.2				
		10.6		(7-8') CLAY, soft, tan and olive-green, moist, high plasticity, cohesive	CH	
		-		(8-10') SILT, slightly stiff, black, wet, no plasticity, no cohesion	ML	Wet at 8' bgs Boring terminated at 10' bgs due to encountering groundwater
		-				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-031-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 40s, sunny
Northing (US ft)	: 565824.14
Easting (US ft)	: 1459090.59

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-031-SB-1	(0.0-2') SANDY SILT with SLAG in top 2", soft, brown, dry, no plasticity, no cohesion	ML	
		26.6				
	90	26.9		(2-2.5') SLAG GRAVEL and SAND-sized, loose, gray, moist, no plasticity, no cohesion	GP/SP	
				(2.5-4.5') CLAYEY SILT with SLAG GRAVEL near top, stiff, brown, moist, med plasticity, cohesive		
		44.0			ML	
		39.3	B1-031-SB-5	(4.5-8') CLAY with trace SILT at depth, stiff grading down to soft, gray-brown, moist, med plasticity, cohesive		
5		24.0				
	100	22.3			CH	
		37.1				
		25.5		(8-9') SLAG GRAVEL and SAND-sized, gray with greenish-gray, loose, wet, no plasticity, no cohesion	GP/SP	Wet at 8' bgs
				(9-9.5') CLAY with trace SILT, firm, gray-brown, moist, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
		24.2		(9.5-10') CLAY, soft, beige-gray, wet, high plasticity, cohesive	CH	
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
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Boring ID: B1-032-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 40s, cloudy
Northing (US ft)	: 565817.21
Easting (US ft)	: 1459105.37

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-032-SB-1	(0.0-2.5') SAND, Poorly Graded, medium grained, loose, brown and beige, dry, no plasticity, no cohesion	SP	Many wood fragments 0-1' bgs with strong sweet smell
		71.9				
	83	42.0		(2.5-4') SLAG GRAVEL and SAND-sized, loose, gray and brown, dry grading to very moist, no plasticity, no cohesion	GP	
		70.0				
		31.3	B1-032-SB-5	(4-5') CLAY with trace SILT, stiff, beige and light gray, dry, low plasticity, cohesive	CL	
5		37.3		(5-7.5') SILT with CLAY and intermittent SLAG layers, firm grading down to soft, gray-brown, dry to moist, med plasticity, cohesive	ML	
	100	25.3				
		26.3		(7.5-9') SANDY SILT, soft, brown, moist, med plasticity, cohesive	ML	Wet at 9.3' bgs
		26.6				
		26.8		(9-9.3') GRAVEL, Poorly Graded, loose, off-white, dry, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due to encountering groundwater
				(9.3-10') SILTY GRAVEL, loose, dark brown with trace light bluish-green SLAG, wet, lno plasticity, no cohesion	GM	
10		-		End of boring		

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-033-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/7/2016
Weather	: 40s, sunny
Northing (US ft)	: 565891.92
Easting (US ft)	: 1456454.11

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		24.0	B1-033-SB-1	(0.0-4') SILTY SAND with trace white GRAVEL, loose, brown, dry, no plasticity, no cohesion		
		34.2			SM	
	88	27.5				Wet at 4' bgs
		20.2	B1-033-SB-4			Boring terminated at 4' bgs due to encountering groundwater
4						

Total Borehole Depth: 4' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-034-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/7/2016
Weather	: 40s, sunny
Northing (US ft)	: 565899.67
Easting (US ft)	: 1456457.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	90	-	B1-034-SB-1	(0-2.5') SILTY SAND, fine grained sand with small GRAVEL in first 6 inches, loose, brown, moist grading to dry, no plasticity, no cohesion	SM	
		16.1				
		12.7		(2.5-3.5') SANDY SILT with white GRANULES and GRAVEL, soft, brown, dry grading to moist, no plasticity, no cohesion	ML	
		14.5	B1-034-SB-4	(3.5-4.5') GRAVEL, loose, brown, dry then wet at 4', no plasticity, no cohesion	GW	Wet at 4' bgs
		16.9		(4.5-5') SAND, Well Graded, fine to medium grained, loose, reddish yellow, wet, no plasticity, no cohesion	SW	Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-035-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565957.49
Easting (US ft)	: 1456957.08

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-035-SB-1	(0-1.5') SILTY SAND, fine grained, loose, dark brown, moist, no plasticity, no cohesion	SM	
		11.9		(1.5-2.5') SLAG and CONCRETE GRAVEL and SAND-sized, loose, dry, beige and gray, no plasticity, no cohesion	GP/SP	
	90	12.9		(2.5-3') CLAYEY SAND with lenses of CLAY, black and brown, loose, moist, no plasticity, no cohesion	SC	
		16.5		(3-4') SLAG GRAVEL with trace SAND, loose, gray, moist, no plasticity, no cohesion	GW	
		14.6	B1-035-SB-5	(4-8') CLAY with trace SAND, soft, brown, moist then wet at 5', high plasticity , cohesive	CH	Wet at 6' bgs
5		-				
		-				
	80	-				
		-		(8-10') CLAY with trace SAND, slightly stiff, brown, moist, high plasticity , cohesive	CH	
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-036-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565967.17
Easting (US ft)	: 1456955.39

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-036-SB-1	(0-2.5') SAND, loose, dark brown, moist, no plasticity, no cohesion	SP	
		15.3				
	83	16.4		(2.5-3.5') GRAVELLY SAND, loose, beige, moist, no plasticity, no cohesion	SP	Water in hole at 3' bgs per Driller
		16.5	B1-036-SB-4	(3.5-4') SAND with GRAVEL, dark brown and dark reddish brown, loose, moist, lno plasticity, no cohesion	SP	
				(4-4.5') SAND, coarse grained with trace CLAY, loose, beige, wet, no plasticity, no cohesion	SW	Wet at 4' bgs
		22.6		(4.5-5') SANDY GRAVEL, loose, brown, wet, no plasticity, no cohesion	GW	
5		-		(5-8.5') CLAY, soft, brown with olive green, wet, high plasticity, cohesive	CH	
		-				
	60	-				
		-				
		-		(8.5-10') CLAY, stiff, brown, moist, high plasticity, cohesive	CH	
10						Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-037-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566029.42
Easting (US ft)	: 1457377.66

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-037-SB-1	(0-1.75') TOPSOIL, soft, brown, slightly moist,low plasticity, cohesive	OL	Plant detritus 0-1.75' bgs
		11.4		(1.75-4.5') SILTY SAND with SLAG GRAVEL, fine grained, loose, brown grading to dark brown, dry, no plasticity, no cohesion	SM	
	85	15.0				
		8.9				
		20.0	B1-037-SB-5	(4.5-5') SANDY CLAY, stiff, tan, low plasticity, cohesive	CL	
5		-		(5-8') CLAY, soft, light beige and tan, moist, high plasticity, cohesive	CH	
		7.2				
	87	11.8				
		16.5		(8-9.5') SAND, coarse to very coarse grained with small GRAVEL near bottom, loose, beige to brown, dry, no plasticity, no cohesion	SW	
		36.5	B1-037-SB-10	(9.5-10') CLAY, soft, beige and tan, very moist, high plasticity, cohesive	CH	
10		-		(10-13') CLAY with trace SAND, stiff, beige to gray, moist, stiff, high plasticity, cohesive	CH	
		-				
	97	-				
		-		(13-14.25') CLAY, soft, grayish-brown, wet, high plasticity, cohesive	CH	Wet at 13' bgs
		-		(14.25-15') SANDY CLAY, stiff, tan, moist, low plasticity, cohesive	CL	Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-038-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 50s, sunny
Northing (US ft)	: 566031.14
Easting (US ft)	: 1457386.30

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-038-SB-1	(0-1.5') SILT with trace CLAY, soft, brown, moist, slight plasticity, cohesive	ML	
		8.8		(1.5-4') SANDY CLAY, stiff, brown, dry, med plasticity, cohesive	CL	Trace oxidation features 1.5-4' bgs
	87	0.1				
		3.1				
		10.1	B1-038-SB-5	(4-5') SILTY SAND, fine grained, loose, dark brown, moist, no plasticity, no cohesion	SM	
5		-		(5-7') CLAYEY SAND, loose, dark brown, moist, no plasticity, no cohesion	SC	
		-				
				(7-9.5') SANDY CLAY, soft, dark brown, wet, high plasticity, cohesive	CH	Wet at 7' bgs
	70	-				
		-				
		-				
				(9.5-10') CLAY with trace SAND, stiff, tan, moist, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-039-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 50s, sunny
Northing (US ft)	: 566073.38
Easting (US ft)	: 1457374.72

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-039-SB-1	(0-2') TOPSOIL with trace SAND, soft, brown, moist, no plasticity, no cohesion; grades to SILTY SAND, loose, dry, no plasticity, no cohesion	OL/SM	
		11.1				
	82	12.1		(2-2.5') SILTY SAND, loose, brown and beige, moist, no plasticity, no cohesion	SM	
		17.7		(2.5-4') SAND, loose, brown and red brick SAND, dry, no plasticity, no cohesion	SP	
		12.8	B1-039-SB-5	(4-5') SAND, loose, brown, dry, no plasticity, no cohesion	SW	
5		-		(5-6') BRICK GRAVEL, loose, light beige, dry, no plasticity, no cohesion	GP	
		-		(6-11') NO RECOVERY - APPARENT VOID	-	Drillers noted void from 6-11' bgs
	13	-				
		-				
		-				
10		-				
		-				Wet at 11' bgs
		-		(11-15') BRICK GRAVEL and SAND-sized, loose, pink and red, dry, no plasticity, no cohesion	GP/SP	
	60	-				
		-				
		-				Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-040-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 50s, sunny
Northing (US ft)	: 566085.48
Easting (US ft)	: 1457373.44

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-040-SB-1	(0-2') TOPSOIL grading to fine SAND, loose, brown, moist, no plasticity, no cohesion	OL	Roots present; 15% fill 0-2' bgs
		4.5				
				(2-2.5') SILT, loose, brown, dry, no plasticity, no cohesion	ML	<25% fill gravel 2-2.5' bgs
	90	8.7		(2.5-5') SILTY SAND, loose, brown, dry, no plasticity, no cohesion	SM	
		11.2				
		11.1	B1-040-SB-5			
5		-		(5-9') SAND, fine to medium grained, loose, brown, dry, no plasticity, no cohesion	SW	
		-				
	25	12.0				
		15.1				
		16.5		(9-10') SANDY GRAVEL, loose, pinkish brown, moist, no plasticity, no cohesion	GP	
10		-		(10-15') BRICK SAND and GRAVEL, pink and red, dry then wet at 13', no plasticity, no cohesion	GP	
		-				
	40	-				Wet at 13' bgs
		-				
		-				Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-041-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 60s, sunny
Northing (US ft)	: 566178.32
Easting (US ft)	: 1457315.42

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-041-SB-1	(0-2.5') SAND with some GRAVEL and trace SILT, fine to medium grained, loose, dark brown, dry, no plasticity, no cohesion	SW	
		28.8				
	90	21.4		(2.5-4.5') CLAY, stiff, brown, moist, med plasticity, cohesive	CL	
		17.6				
		0.6		(4.5-7') SLAG GRAVEL with lenses of CLAY, dry then moist at 6.5', loose, no plasticity, no cohesion	GW	
5		-				
		-				
	70	-	B1-041-SB-8	(7-8.5') SAND, loose, beige, moist, no plasticity, no cohesion	SW	
		95.6		(8.5-9') OYSTER SHELLS, loose, wet	-	Wet at 8.5' bgs
		22.3		(9-10') CLAY, stiff, brown, moist, med plasticity, cohesive	CL	
10						Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-042-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 60s, sunny
Northing (US ft)	: 566188.67
Easting (US ft)	: 1457313.88

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-042-SB-1	(0-2.5') SAND with GRAVEL, fine to medium grained, loose, blackish-gray grading to brown, slightly moist, no plasticity, no cohesion	SW	
		7.5				
	90	5.2		(2.5-5') CLAY, stiff, tan, dry, high plasticity, cohesive	CH	
		2.5				
		4.9	B1-042-SB-5			
5				(5-7') CLAY, soft, tan, very moist, high plasticity, cohesive	CH	
		-				
		5.9				
	87	10.6		(7-8.2') SLAG GRAVEL, loose, beige and gray, moist, no plasticity, no cohesion	GW	
		-		(8.2-8.5') SAND, fine grained, loose, black, wet, no plasticity, no cohesion	SP	Wet at 8' bgs
				(8.5-9') OYSTER SHELLS, wet	-	
		5.0		(9-10') CLAY, stiff, tan, moist, high plasticity, cohesive	CH	
10						Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-043-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566034.79
Easting (US ft)	: 1457525.65

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-043-SB-1	(0-1.5') GRAVELLY SAND, loose, light brown, dry, no plasticity, no cohesion	SW	
		5.9		(1.5-3.5') SAND with SILT, fine grained, loose, dark brown, dry,no plasticity, no cohesion; grades to SAND with GRAVEL FILL, loose, medium brown, dry, no plasticity, no cohesion	SW	
	90	2.2				
		1.4		(3.5-5') SANDY CLAY, slightly soft, tan with black streaks, moist, med plasticity, cohesive	CL	
		2.1	B1-043-SB-5			Wet at 5' bgs
5				(5-5.5') CLAYEY SAND, loose, tan, wet, low plasticity, cohesive	SC	
	100	10.2		(5.5-6') CONCRETE GRAVEL, loose, white, dry, no plasticity, no cohesion	NA	Boring terminated at 6' bgs due to encountering groundwater
				End of Boring		
10						

Total Borehole Depth: 6' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-044-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566022.04
Easting (US ft)	: 1457527.26

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-044-SB-1	(0-5') GRAVELLEY SAND with SLAG and CLAY lenses at depth, loose, dry grading down to moist, no plasticity, no cohesion		
		-				
	70	23.1			SW	
		17.5				
		5.2	B1-044-SB-5			
5				(5-9') SAND, loose, brown, moist, no plasticity, no cohesion		
		-				
		-			SW	
	60	-				
		-				1" white concrete layer at 8.6' bgs Wet at 9' bgs
				(9-10') CLAY with SAND and GRAVEL, soft, beige, wet, high plasticity, cohesive		
		16.0			CH	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-045-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566070.90
Easting (US ft)	: 1457824.95

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-045-SB-1	(0-2.5') Organic SILT, soft, brown, moist, no plasticity, no cohesion	ML	Small roots 0-2.5' bgs Topsoil
		18.7				
	70	28.4		(2.5-4') SAND, fine to medium grained, loose, brown grading to dark brown, dry, no plasticity, no cohesion	SW	
		15.4				
		17.0	B1-045-SB-5	(4-5') SAND, poorly graded, loose, beige, moist, no plasticity, no cohesion	SP	
5		-		(5-8.5') SAND, Well Graded, fine to coarse grained, loose, beige, moist, no plasticity, no cohesion	SW	
		-				
	50	14.2				
		13.6				
		13.0		(8.5-10') CLAY with trace SAND, soft, olive gray, very moist, high plasticity, cohesive	CH	
10		-		(10-12.5') CLAY with trace SAND, soft, gray, wet, high plasticity, cohesive	CH	Wet at 10.5' bgs
		-				
	90	-		(12.5-14.5') CLAY, stiff, tan and gray mottling, moist, high plasticity, cohesive	CH	
		-				
		-		(14.5-15') SANDY CLAY, firm, tan, moist, med plasticity, cohesive	CL	Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.
Background air readings at 10.0 ppm

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-046-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566058.13
Easting (US ft)	: 1457826.61

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-046-SB-1	(0-3') SAND with SLAG and WOOD chunks, poorly graded, fine grained, brown, dry, with white/gray CEMENT, no plasticity, no cohesion	SP	
		10.2				
	83	7.2				
		4.6		(3-4') SANDY SILT, medium to fine grained, soft, black, dry, low to medium plasticity, no cohesion	ML	
		0.0		(4-4.5') SAND, Poorly Graded, medium grained, loose, light brown, dry, no plasticity, no cohesion	SP	
5				(4.5-5') SANDY CLAY, fine grained, soft, light brown and gray, moist, medium to high plasticity, cohesive	CL/CH	
		19.5	B1-046-SB-6	(5-10') CLAY, with chunks of poorly sorted blue/gray porous SLAG, soft then hard 9-10', blue to greenish gray with dark blue to black slag from 6-9' bgs, moist, high plasticity, cohesive	CH	
		20.7				
	90	21.8				
		21.9				
		4.1	B1-046-SB-10			
10		-		(10-12.5') SILTY CLAY, soft, dark brown, wet, high plasticity, cohesive	CH	Wet at 11' bgs
		-				
	80	-		(12.5-14.5') CLAY, hard, light gray and light brown, dry, high plasticity, cohesive	CH	
		-				
		-		(14.5-15') SAND, fine grained, dense, light brown, moist, dense, no plasticity, no cohesion	SP	Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-047-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 50s, sunny
Northing (US ft)	: 566086.18
Easting (US ft)	: 1458039.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-047-SB-1	(0.0-3.3') SANDY CLAY, soft, brown, moist, med plasticity, cohesive		Shells present 0-3.3' bgs
		0.8			CL	
	70	2.7				
		1.5		(3.3-4.5') SILTY SAND, fine grained, loose, black, dry, no plasticity, no cohesion	SM	
		0.4	B1-047-SB-5	(4.5-5') SAND, Poorly Graded, coarse grained, loose, beige, moist, loose, no cohesion, no plasticity	SP	
5				(5-7.5') SAND, Well Graded, fine to very coarse grained, loose, beige, moist, no plasticity, no cohesion		
		-			SW	
		0.3				
	100	0.7		(7.5-9.8') CLAY, slightly stiff, beige to gray, moist, high plasticity, cohesive		
		1.0			CH	
		0.7	B1-047-SB-10			Wet at 9.75' bgs Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-9.9') SAND, Poorly Graded, coarse grained, loose, dark tan, wet, no plasticity, no cohesion	SP	
		-		End of Boring		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-048-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 50s, sunny
Northing (US ft)	: 566102.04
Easting (US ft)	: 1458036.71

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-048-SB-1	(0-0.2') ORGANIC SILT, soft, brown, dry, no plasticity, no cohesion	OL	
		-		(0.2-2.9') SAND, Well Graded, fine to coarse grained, loose, brownish black, dry, no plasticity, no cohesion	SW	
	60	1.8				
		4.0		(2.9-4.5') CLAYEY SILT with trace SAND, soft, beige, moist, low plasticity, cohesive	ML	
		8.8		(4.5-5') CLAY with trace SHELLS, soft, tan, moist, med plasticity, cohesive	CL	
5		10.8		(5-6') CLAY, soft, tan, moist, high plasticity, cohesive	CH	
		51.5	B1-048-SB-7	(6-8') CLAY, stiff, tan, moist, high plasticity, cohesive	CH	
	100	47.8				
		5.5		(8-11') CLAY, soft, tan, very moist, high plasticity, cohesive	CH	
		-	B1-048-SB-10			
10		-				
		-		(11-13') CLAY with black fine SAND in spots, soft, tan, very moist, high plasticity, cohesive	CH	
	60	-				
		-		(13-15') CLAY with trace SAND, soft, tan, wet, high plasticity, cohesive	CH	Wet at 13' bgs Boring terminated at 15' bgs due to encountering groundwater
		-				
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-049-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 70s, sunny
Northing (US ft)	: 566120.20
Easting (US ft)	: 1458264.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		0.0	B1-049-SB-1	(0.0-2.5') SAND, Well Graded, fine to medium grained, loose, brown, dry, no plasticity, no cohesion	SW	
		0.0				
	90	0.0				
		0.0		(2.5-4.6') SAND with SILT, Well Graded, fine to medium grained, dense, beige and white, dry, no plasticity, no cohesion	SW	
		0.0	B1-049-SB-5			
5		0.0		(4.6-7') SAND with SLAG GRAVEL at depth, Well Graded, fine to coarse grained, very stiff, beige and gray, dry, no plasticity, no cohesion	SW	
		0.0				
	97	0.0		(7-11.5') SANDY CLAY, soft, moist, light brown with orange mottling, low plasticity, cohesive; grades to very SANDY CLAY at depth	CL	
		0.0				
		0.0				
10		-				
		-		(11.5-15') GRAVEL, Poorly Graded, loose, gray, wet, no plasticity, no cohesion; grades down to GRAVELLY SAND, loose, brown, wet, no plasticity, no cohesion	GP/SP	Wet at 12.5' bgs
	50	-				
		-				Boring terminated at 15' bgs due to encountering groundwater
		-				
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-050-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 70s, sunny
Northing (US ft)	: 566118.41
Easting (US ft)	: 1458253.62

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		0.0	B1-050-SB-1	(0.0-2') SAND, Well Graded, fine to medium grained, very loose, brown, dry, no plasticity, no cohesion	SW	
		0.0				
		0.0		(2-2.5') SILTY SAND, loose, dark brown, dry, no plasticity, no cohesion	SM	
	84	0.0		(2.5-5.5') SAND, Well Graded, med to coarse grained, loose, beige, dry, no plasticity, no cohesion	SW	
		0.0				
		0.0	B1-050-SB-5			
5		0.0				Trace oxidation 5.5-9.7' bgs
		0.0		(5.5-9.7') SAND, Well Graded, fine to coarse grained, loose, brown, moist, no plasticity, no cohesion	SW	
	80	0.0				
		0.0				Wet at 9.5' bgs
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10				(9.7-10') SANDY SILT, stiff; brown, orange, and gray; moist, low plasticity, cohesive	ML	
		-		End of Boring		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-051-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 70s, sunny
Northing (US ft)	: 566154.23
Easting (US ft)	: 1458552.45

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		0.0	B1-051-SB-1	(0.0-4.5') SAND, Well Graded, fine to medium grained, very loose, brown, dry, no plasticity, no cohesion	SW	
		0.0				
	87	0.0				
3		0.0				
		0.0	B1-051-SB-5			
				(4.5-4.8') SAND, Poorly Graded, medium to coarse grained, loose, beige, moist, no plasticity, no cohesion	SP	
				(4.8-5') SAND with trace SILT, Poorly Graded, fine grained, loose, black and tan, moist, no plasticity, no cohesion	SP	
		0.0		(5-5.5') GRAVEL, Poorly Graded, loose, gray, dry, no plasticity, no cohesion	GP	
6				(5.5-9') SANDY SILT, firm, tan and black, moist, low plasticity, cohesive		
	100	0.0				
		0.0			ML	
		0.0				
9		0.0				
				(9.0-11') SAND, Poorly Graded, medium to coarse grained, beige, wet, no plasticity, no cohesion	SW	
	70	-				
				(11-13') SAND with small CLAY lenses, Poorly Graded, medium to coarse grained, beige, moist, no plasticity, no cohesion		Wet at 11' bgs
		-				
12					SP	
		-				Boring terminated at 13' bgs due to encountering groundwater

Total Borehole Depth: 13' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-052-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 70s, sunny
Northing (US ft)	: 566143.26
Easting (US ft)	: 1458553.46

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		0.0	B1-052-SB-1	(0.0-3.5') SAND, Well Graded, very loose, brown, dry, no plasticity, no cohesion	SW	
		0.0				
	87	0.0				
		0.0				
				(3.5-4') CLAY, very firm, tan, dry, low plasticity, cohesive	CL	
		0.0	B1-052-SB-5	(4-5.5') SAND with small CLAY lenses, Poorly Graded, fine to medium grained, loose, brown and reddish yellow, dry, no plasticity, no cohesion	SW	
5		0.0				
				(5.6-6.5') SAND, Poorly Graded, fine grained, loose, brown, dry, no plasticity, no cohesion	SP	
		0.0		(6.5-8') SAND with SLAG GRAVEL, Poorly Graded, fine to medium grained, black with large bluish-green SLAG GRAVEL at 2', dry, no plasticity, no cohesion	SP	
	88	0.0				
		0.0		(8-10') SAND with trace CLAY, medium to coarse grained, loose, beige, moist then wet at 9.5', no plasticity, no cohesion	SW	Wet at 9.5' bgs
		0.0		(9.5-10') SAND with small CLAY lenses, Poorly Graded, medium to coarse grained, loose, beige, moist then wet at 9.5', no plasticity, no cohesion	SW	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-053-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566479.82
Easting (US ft)	: 1458734.09

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-053-SB-1	(0.0-4.5') SANDY GRAVEL, loose, brown and black, dry, no plasticity, no cohesion	GP	
		-				
	90	0.0				
		0.0				
		0.0				
				(4.5-5') SILTY SAND, firm, tan, dry, no plasticity, no cohesion	SM	
5		12.3		(5-6.5') SANDY GRAVEL, loose, brown, dry, no plasticity, no cohesion	GP	
		167.7	B1-053-SB-7	(6.5-8') SILTY SAND, firm, tan, dry, no plasticity, no cohesion	SM	
	100	105.4				
				(8-8.4') GRAVEL with red BRICK fragments, Poorly Graded, loose, dry, no plasticity, no cohesion	GP	Wet at 8.5' bgs
		35.5		(8.4-9') CLAY, soft, tan, wet, high plasticity, cohesive	CH	
				(9-10') SAND, Poorly Graded, loose, tan, wet, no plasticity, no cohesion	SP	Boring terminated at 10' bgs due to encountering groundwater
10		-				

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
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Boring ID: B1-054-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566474.53
Easting (US ft)	: 1458743.88

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		10.9	B1-054-SB-1	(0.0-5.5') SANDY GRAVEL, loose, brown, dry, no plasticity, no cohesion		
		10.0				
	90	9.6			GP	
		16.7				
		20.6	B1-054-SB-5			
5		-				
				(5.5-7') SANDY SILT with trace SLAG GRAVEL, firm, brown, dry, no plasticity, no cohesion	SM	
		31.8				
				(7-8') SANDY GRAVEL, loose, brown, dry, no plasticity, no cohesion	GP	
	80	43.0				Wet at 8.5' bgs
				(8-10') SAND, Poorly Graded, loose, tan, moist with bottom 18" wet, no plasticity, no cohesion		
		65.5			SP	
10		-				Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-055-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 50s, sunny
Northing (US ft)	: 566515.04
Easting (US ft)	: 1458752.11

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0.0-0.3') ORGANIC SANDY SILT with SLAG GRAVEL, soft, brown, dry, low plasticity, cohesive	OL	
		-	B1-055-SB-1	(0.3-3.5') SANDY SILT, loose, brown, dry, no plasticity, no cohesion		
		-			ML	
	63	22.6				
		22.6		(3.5-4') GRAVELLY SILT with SAND, brown, dry, no plasticity, no cohesion	ML	
4				(4.4-8.5') CLAY with trace SILT, firm, gray-brown with reddish yellow mottling, moist, high plasticity, cohesive		
		21.7				
		25.7	B1-055-SB-6.5			
		55.9			CH	
	90	32.2				
8						Wet at 8.5' bgs
		20.4		(8.5-9') CLAY with trace SILT, firm, gray-brown with reddish yellow mottling, wet, high plasticity, cohesive	CH	Boring terminated at 9' bgs due to encountering groundwater

Total Borehole Depth: 9' bgs.

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Boring ID: B1-056-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 50s, sunny
Northing (US ft)	: 566519.71
Easting (US ft)	: 1458761.82

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		20.4	B1-056-SB-1	(0-2.5') SAND with SLAG GRAVEL and trace SILT, medium grained, very loose, brown, dry, no plasticity, no cohesion	SP	
		37.3				
	100	31.7		(2.5-4') SILT with trace SAND, very stiff, brown, dry, low plasticity, cohesive	ML	
		37.1				
				(4-4.5') SANDY SILT with SLAG GRAVEL, soft, brown, dry, low plasticity, cohesive	ML	
		22.0		(4.5-5.5') SILT with trace SAND, very stiff, brown, slightly moist, low plasticity, cohesive	ML	
5		-		(5.5-10') CLAY with SILT, soft, brown, moist then wet at 9.8', med plasticity, cohesive		
		46.3				
			B1-056-SB-7.5			
	90	41.4			CL	
		28.5				
						Wet at 9.8' bgs
		20.1				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-057-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566822.13
Easting (US ft)	: 1458915.03

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0.0-0.3') CONCRETE, gray, GRAVEL and SAND-sized, dry, hard, loose, no plasticity	---	
		-	B1-057-SB-1	(0.3-2.3') Silty CLAY, with SAND, firm, light to dark brown, dry, med plasticity, cohesive	CL	
		0.0				
	70	0.0		(2.3-4') SILTY CLAY, light beige, dry, hard, low cohesion, low plasticity	CL	
		0.0				
		0.0		(4-5.5') SLAG, with beige SAND, hard, loose, gray, dry, no plasticity	GP	
5		-	B1-057-SB-5			
		0.0		(5.5-9') SAND, Poorly Graded, medium grained with SLAG GRAVEL, loose, light brown to brown, dry increasing to moist, no plasticity	SP	
	80	2.7				
		0.0				
		0.0		(9-10') SANDY GRAVEL, increasing SAND content with depth, loose, brown, wet, loose, no plasticity, no cohesion	GP/SP	Wet at 9.0' bgs Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-058-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566805.38
Easting (US ft)	: 1458907.61

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-058-SB-1	(0.0-2.0') SANDY SILT, with FILL GRAVEL, soft, brown, moist, no plasticity, cohesive	ML	
		-				
	50	0.0				
				, loose, gray, dry, GRAVEL sized, loose, gray, dry, no plasticity, no cohesion	GP	
		0.0		(3.5-4') SANDY SILT, with FILL GRAVEL, soft, brown, moist, no plasticity, cohesive	CL	
				(4-4.3') CONCRETE, GRAVEL sized, loose, gray, dry, no plasticity, no cohesion	GP	
		0.0			ML	
				(4.3-4.5') SANDY SILT, with FILL GRAVEL, soft, brown, moist, low cohesion, no plasticity	GP	
5				(4.5-5') BRICK, GRAVEL-sized, loose, beige, dry, no plasticity, no cohesion		
		-		(5-6.5') No recovery		
		-				
			B1-058-SB-7.5	(6.5-9') SAND, Well Graded, fine to medium grained with SILT and FILL GRAVEL, loose, brown, moist, no plasticity, no cohesion	SW-SM	
	70	0.0				
		0.0				
				(9-9.8') SANDY GRAVEL, with SILT, loose, brown, wet, no plasticity, no cohesion	GP	Wet at 9.0' bgs
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-10') CONCRETE, GRAVEL-sized, loose, beige, wet, no cohesion, no plasticity	GP	
				End of boring		

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-059-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 567003.84
Easting (US ft)	: 1458976.84

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-059-SB-1	(0.0-4.5') SILTY SAND, medium grained, with GRAVEL SLAG that increases with depth, loose, black, dry, no plasticity, no cohesion	SM	
	70	16.6				
		16.3				
		15.7				
5		-		(4.5-5.5) SILTY CLAY, light gray with orange mottling, moist, med plasticity, cohesive	CL	
		75.4	B1-059-SB-7	(5.5-7') SANDY GRAVEL, loose, black, moist, no cohesion, no plasticity	GP	
	80	87.9		(7-7.5') CLAY, trace SAND, soft, beige, moist, high plasticity, cohesive	CH	
				(7.5-8') GRAVELLY SAND, loose, black, dry, no plasticity, no cohesion	SP	
		17.0		(8-10') SANDY CLAY, with GRAVEL, SAND increasing with depth, very soft, brown, wet, high plasticity, cohesive	CH	Wet at 8.0' bgs
		17.9				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-060-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566996.28
Easting (US ft)	: 1458992.42

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	50	-	B1-060-SB-1	(0.0-4.5') SAND, Poorly Graded, with GRAVEL, medium grained, very loose, black, moist, no plasticity, no cohesion	SP	
		-				
		-				
		22.6				
		22.4	B1-060-SB-5			
5				(4.5-5.5') SAND, Poorly Graded, medium grained, loose, brown, moist, no plasticity, no cohesion	SP	
		-		(5.5-7.5') SAND, Poorly Graded, coarse grained with SLAG GRAVEL, loose, brown, moist, no plasticity, no cohesion	SP	
		-				
	80	-		(7.5-8') SAND, Poorly Graded, with SILT, CLAY lenses, and GRAVEL, medium grained, brown, wet, slight plasticity, no cohesion	SP	
		-		(8-8.5') SAND, Poorly Graded, medium grained, loose, tan, wet, no plasticity, no cohesion	SP	Wet at 7.5' bgs
		-		(8.5-10') SANDY GRAVEL, with CLAY, loose, brown, wet, no plasticity, no cohesion	GP	
10		-				Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-061-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, sunny
Northing (US ft)	: 566167.90
Easting (US ft)	: 1457168.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-061-SB-1	(0.0-0.5') Organic SILT, soft, dark brown, dry, no plasticity, cohesive	OL	
				(0.5-3.5') SANDY GRAVEL, larger GRAVEL at depth, loose, gray, dry, no plasticity, no cohesion	GP	
	80	18.4				
		9.6				
		11.0		(3.5-5.5') SAND, Poorly Graded, medium grained with trace GRAVEL, loose, dark reddish-brown, dry, no cohesion, no plasticity	SP	
5		8.7				
		-				
		-	B1-061-SB-7	(5.5-10) SAND, Poorly Graded, medium grained with trace GRAVEL, loose, dark reddish-brown, dry then wet at 8', no plasticity, no cohesion	SP	Wet at 8' bgs
	60	38.5				
		-				
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-062-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, sunny
Northing (US ft)	: 566160.43
Easting (US ft)	: 1457169.69

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-062-SB-1	(0.0-3') SAND, Poorly Graded, fine grained with trace SILT, small ROOTS, and SLAG and metallic GRAVEL, loose, brown and black, dry, no plasticity, no cohesion	SP	
		14.2				
	80	15.8				
		26.3		(3-10') SAND, Well Graded, medium to coarse grained, loose, dark reddish-brown, dry then wet at 7', no plasticity, no cohesion		
		8.9				
5		11.0	B1-062-SB-6			
		16.5			SW	Wet at 7' bgs
	80	47.8				
		-				
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-063-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, sunny
Northing (US ft)	: 566606.73
Easting (US ft)	: 1457135.25

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-063-SB-1	(0.0-4.9') SILT, trace SAND, loose, brown, moist in top 2" then dry, no plasticity, no cohesion		
		0.0				
	80	0.8			ML	
		4.8				
		9.0	B1-063-SB-5			
5		-		(4.9-6.5') SILTY SAND, loose, beige, moist, no plasticity, no cohesion	SM	
		-		(6.5-8.5') SAND, Well Graded, medium to coarse grained, loose, beige, moist, no plasticity, no cohesion	SW	
	80	8.1				
		8.0		(8.5-9.5') SAND, Poorly Graded, coarse to very coarse grained, loose, beige, moist, loose, no plasticity, no cohesion	SP	
		0.6	B1-063-SB-10	(9.5-10') SAND, Poorly Graded, medium grained with SILT, loose, brown, slightly moist, no plasticity, no cohesion	SP	
10		-		(10-15') SANDY GRAVEL, with SILT, loose, brown, dry then wet at 14.5', no plasticity, no cohesion		
		-				
	25	-			GP	
		-				
		-				Wet at 14.5' bgs
15						Boring terminated at 15' bgs due to encountering groundwater

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-064-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, sunny
Northing (US ft)	: 566601.89
Easting (US ft)	: 1457146.42

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	70	-	B1-064-SB-1	(0-5') SILT, trace SAND and SLAG GRAVEL and with SAND increasing with depth, loose, brown grading down to dark brown, dry but moist at very bottom, no plasticity, no cohesion	ML	
		0.0				
		0.0				
		0.0	B1-064-SB-5			Boring terminated at 5' bgs due to refusal
5						

Total Borehole Depth: 5' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-065-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 50s, sunny
Northing (US ft)	: 566825.87
Easting (US ft)	: 1457352.72

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0.0-0.2') ASPHALT, black, gravel-sized, dry, loose, no cohesion, no plasticity	GP	
		-	B1-065-SB-1	(0.2-6') SILT, with medium grained SAND, very soft, brown grading down to light brown, dry, very soft, no plasticity, no cohesion		
		2.7				
	70	16.6				
					ML	
		14.7	B1-065-SB-4			
		0.0				
5						
		-				
				(6-7.5') SANDY GRAVEL, loose, brown and gray, dry, no plasticity, no cohesion	GP	
		-				
	60	2.7		(7.5-9.5') SILT, with GRAVEL SLAG and trace SAND, soft, brown, dry, no plasticity, no cohesion	ML	
		7.4				Wet at 9.5' bgs
		83.4		(9.5-10') GRAVELLY SAND, with SILT, brown, wet, no plasticity, no cohesion	SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-066-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 566821.43
Easting (US ft)	: 1457341.73

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-066-SB-1	(0-0.7') CONCRETE, GRAVEL and SAND-sized, loose, beige, dry, no plasticity, no cohesion	GP/SW	
		-		(0.7-3.5') SLAG, gravel and sand-sized, loose, light gray, dry, no plasticity, no cohesion	GP/SP	
	60	-				
		0.0		(3.5-5') GRAVELLY SAND, medium grained, loose, beige, dry, no plasticity, no cohesion	SP	
		0.0				
5		0.8		(5-6') SLAG, GRAVEL and SAND-sized, loose, light gray, dry, no plasticity, no cohesion	GP/SP	
		6.5		(6-6.3') GRAVELLY SAND, medium grained, loose, beige, dry, no plasticity, no cohesion	SP	
				(6.3-7.5') SLAG, large GRAVEL with black and tan SILT, loose, gray, dry, no plasticity, no cohesion, SILT has mixed plastic and nonplastic properties	GP/ML	
	100	111.3		(7.5-9') SANDY SILT, with small green-tinted SLAG GRAVEL, soft, brown, moist, no plasticity, no cohesion	ML	
		131.6	B1-066-SB-9			
				(9-10') SLAG, GRAVEL with SILT and SAND, loose, brown, wet, no plasticity, no cohesion	GP/ML	Wet at 9.0' bgs
10		3.0				Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-067-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 566784.68
Easting (US ft)	: 1457354.62

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-067-SB-1	(0-2.7') SAND, Poorly Graded, medium grained with small gray GRAVEL SLAG and trace oxidation, loose, brown, dry, no plasticity, no cohesion	SP	
		2.1				
	65	2.6				
		12.8		(3-7.5') SLAG, brown, GRAVEL and SAND-sized, loose, dry, no plasticity, no cohesion	GP/SP	
		21.4				
5		-				
		0.8				
	60	5.4		(7.5-9') GRAVELLY SAND, with SLAG and SILT, loose, brown, moist, no plasticity, no cohesion	SP	
		70.0	B1-067-SB-9			
				(9-10') GRAVELLY SILT, with SAND, soft, brown, wet, low plasticity, cohesive	ML	Wet at 9.0' bgs Boring terminated at 10' bgs due to encountering groundwater
		-				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-068-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 566777.98
Easting (US ft)	: 1457333.64

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0.0						
0.5		-	B1-068-SB-1	(0-2') GRAVELLY SAND, medium grained with SILT, loose, brown, moist then wet at 1.3', no plasticity, no cohesion	SP	
1.0						Wet at 1.3' bgs
1.5	60	0.8		(2-2.5') SANDY CLAY, very soft, beige, wet, low plasticity, cohesive	CL	
2.0						Boring terminated at 2.5' bgs due to encountering groundwater
2.5		-				

Total Borehole Depth: 2.5' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-069-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 568421.00
Easting (US ft)	: 1455975.00

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	50	-	B1-069-SB-1	(0.0-6.5') SLAG, GRAVEL and SAND-sized, loose, dark brown, dry, no plasticity, no cohesion	GP/SP	
		-				
		13.1				
		12.4				
		8.2				
5		-				
		6.8		(6-9') SLAG, GRAVEL and SAND-sized, loose, dark brown, dry then wet at 8.5' with SHELL fragments, no plasticity, no cohesion	GP/SP	
	50	67.0	B1-069-SB-8			Wet at 8.5' bgs
		12.0				
				(9-9.5') GRAVEL, Poorly Graded, loose, brown, wet, no plasticity, no cohesion	GP	
		0.0		(9.5-10') SAND, loose, tan, wet, no plasticity, no cohesion	SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-070-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 70s, sunny
Northing (US ft)	: 568333.04
Easting (US ft)	: 1455959.10

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0.0-0.3') ASPALT GRAVEL, hard, loose, gray, dry, no plasticity, no cohesion	GP	
		-	B1-070-SB-1	(0.3-2.5') SILTY SAND, fine grained with SLAG GRAVEL, loose, brown, dry, no plasticity, no cohesion	SM	
		-				
	70	86.2		(2.5-5') SLAG, GRAVEL and SAND-sized, loose, light brown and gray, moist then wet at 4', no plasticity, no cohesion	GP/SP	Wet at 4' bgs
		29.5				
		0.0				Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-071-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566777.35
Easting (US ft)	: 1459104.60

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		13.9	B1-071-SB-1	(0-7') SLAG, GRAVEL and SAND-sized, loose, brown, dry, no plasticity, no cohesion		
		6.2				
	88					
		190.4	B1-071-SB-3			
		17.4			GP/SP	
		-				
5		-				
		-				
	58					Wet at 7' bgs
		-		(7-8') SLAG, GRAVEL and SAND-sized, loose, brown, dry then wet at 7', no plasticity, no cohesion	GP/SP	
		-		(8-9.5') SILT, dry, hard, tan, no plasticity, cohesive	ML	
		-		(9.5-10') SLAG, GRAVEL and SAND-sized, loose, brown, dry, no plasticity, no cohesion	GP/SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-072-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566805.35
Easting (US ft)	: 1459122.67

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-072-SB-1	(0.0-6.5') SLAG, GRAVEL and SAND-sized, loose, brown and gray, dry, no plasticity, no cohesion	GP/SP	
	75	11.3				
		170.8				
		11.2	B1-072-SB-4			
5		-				
		-				
		-		(6.5-7') SLAG, GRAVEL and SAND-sized, loose, brown and gray, dry then wet at 6.5', no plasticity, no cohesion	GP/SP	Wet at 6.5' bgs
	67	-		(7-8.5') SILT, dry, hard, tan, no plasticity, cohesive	ML	
		-				
		-		(8.5-10') SLAG, GRAVEL and SAND-sized, loose, brown and gray, wet, no plasticity, no cohesion	GP/SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-073-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566871.15
Easting (US ft)	: 1458735.06

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-073-SB-1	(0-0.5') BRICK, GRAVEL and SAND-sized, loose, beige, dry, no plasticity, no cohesion	GP/SP	
				(0.5-3') SAND, Poorly Graded, medium grained with BRICK FILL GRAVEL, loose, brown, dry, no plasticity, no cohesion	SP	
		-				
	70	13.3				
				(3-9') BRICK AND CONCRETE, GRAVEL, loose, beige, dry, no plasticity, no cohesion	GP	
		24.5				
		24.1				
5						
		-				
		-				
	50	-				
		25.4				
				(9-10') BRICK AND CONCRETE, GRAVEL, loose, beige, dry then wet at 9', no plasticity, no cohesion	GP	Wet at 9' bgs Boring terminated at 10' bgs due to encountering groundwater
		25.2				
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-074-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny, windy
Northing (US ft)	: 566746.88
Easting (US ft)	: 1458737.72

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-074-SB-1	(0.0-2.5') GRAVELLY SAND, medium grained, loose, brown, dry, no plasticity, no cohesion	SP	
		25.3				
	80	25.5		(2.5-2.7') CLAYEY SILT, stiff, tan, dry, low plasticity, cohesive	ML	
				(2.7-5.5') GRAVELLY SAND, medium grained, loose, brown, dry, no plasticity, no cohesion	SP	
		24.2				
		22.6				
5		-		(5.5-5.7') GRAVELLY SAND, medium grained, loose, brown, dry, no plasticity, no cohesion	SP	
				(5.7-6.2') SILTY CLAY, stiff, tan, slightly moist, low plasticity, cohesive	CL	
		31.5		(6.2-7') GRAVELLY SAND, medium grained, loose, brown, dry, no plasticity, no cohesion	SP	
	90	65.5	B1-074-SB-8	(7-8.5') SILTY CLAY, with SLAG GRAVEL, stiff, brown and tan, slightly moist, low plasticity, cohesive	CL	
		-		(8.5-10') SLAG, GRAVEL and SAND-sized, loose, brown, wet, no plasticity, no cohesion	GP/SP	Wet at 8.5' bgs
10		-				Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-075-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, sunny
Northing (US ft)	: 566569.81
Easting (US ft)	: 1456449.14

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	-	B1-075-SB-1	(0-3.5') ORGANIC SILT, grading down to SILT with trace SAND and SLAG GRAVEL, loose, brown, dry, no plasticity, no cohesion	OL/ML	
		-				
		32.0				
		121.2	B1-075-SB-4			
		49.0		(3.5-6') SILTY SAND, fine grained with some small WOOD fragments, loose, dark brown, dry, no plasticity, no cohesion	SM	
5		-				
		-		(6-5.9.5') SAND, medium grained with SILT and few large GRAVEL SLAG and METAL shards, poorly graded, loose, brown grading down to black, dry, no plasticity, no cohesion	SP	
	60	60.6				
		66.2				
		118.3	B1-075-SB-10			
10		-		(9.5-12') SAND, coarse grained, with metallic rock GRAVEL, poorly graded, loose, black and orange, moist, no plasticity, no cohesion	SP	
		-				
	40	-		(12-14') SAND, coarse grained with BRICK GRAVEL, poorly graded, loose, brown, moist, no plasticity, no cohesion	SP	
		-				
		-		(14-15') SANDY GRAVEL, very coarse grained, loose, brown, wet, no plasticity, no cohesion	GP	Wet at 14' bgs Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-076-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 566572.55
Easting (US ft)	: 1456470.69

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-076-SB-1	(0-3.5') SILT, loose, brown, dry, no plasticity, no cohesion; grades down to SILTY SAND, fine grained with small GRAVEL SLAG, loose, brown, dry, no plasticity, no cohesion	ML/SM	
		-				
	60	34.3				
		41.7	B1-076-SB-4			
				(3.5-6') SILTY SAND, loose, dark brownish red, moist, no plasticity, no cohesion	SM	
		30.5		(4-6') BRICK, GRAVEL and SAND-sized, loose, beige, dry, no plasticity, no cohesion	GP/SP	
5		-				
		-		(6-9') SILTY SAND, fine to medium grained with BRICK and SLAG GRAVEL, loose, brown, moist, no plasticity, no cohesion	SM	
	70	32.5				
		36.5				
		30.8	B1-076-SB-10	(9-10') SLAG, large with brown SAND, loose, gray, moist, no plasticity, no cohesion	GP/SP	Wet at 10' bgs Boring terminated at 10.5' bgs due to encountering groundwater and refusal
10	100	-		(10-10.5') SAND, well graded, medium to coarse grained, loose, black, wet, no plasticity, no cohesion	SW	

Total Borehole Depth: 10.5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-077-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 568030.51
Easting (US ft)	: 1456713.88

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-077-SB-1	ORGANIC SILT, some small ROOTS, soft, brown, dry, no plasticity, cohesive	OL	
		19.3				
	80	24.2		(2-2.5') SAND, fine to medium grained with trace COAL, well graded, loose, black, dry, no plasticity, no cohesion	SW	
				(2.5-3.3') SAND, very coarse grained, poorly graded, dense, dark beige, moist, no plasticity, cohesive	SP	
		24.8	B1-077-SB-4	(3.3-3.4') BRICK, GRAVEL-sized, loose, pink-beige, dry, no plasticity, no cohesion	GP	
				(3.4-4.3') SAND, loose, light beige, moist, no plasticity, no cohesion, trace oxidation	SP	Wet at 4.3' bgs
		18.7		(4.3-5.5') SLAG, large, loose, gray, wet, no plasticity, no cohesion	GP	
5		-		(5.5-10') SLAG, loose, light gray/white, wet, no plasticity, no cohesion, with little soft, wet, low-plasticity SILT		
		37.4				
	90	34.2			GP/ML	
		67.5				
		34.2				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-078-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 568005.18
Easting (US ft)	: 1456716.64

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.5') CONCRETE, loose, light gray, dry, no plasticity, no cohesion	GP	
		-	B1-078-SB-1	(0.5-3.2') ORGANIC SILT, very small ROOTS and few large SLAG GRAVEL, soft, brown, dry, no plasticity, low cohesion	OL	
	50	-				
		18.7	B1-078-SB-4	(3.2-4.5') GRAVELLY SAND, medium to coarse grained SAND and SLAG GRAVEL, loose, brown, dry, no plasticity, no cohesion	SP/GP	Wet at 4.5' bgs
		19.2		(4.5-5') SLAG, GRAVEL and SAND-sized, loose, beige grading to white/light gray, wet, no plasticity, no cohesion	GP/SP	Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-079-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny
Northing (US ft)	: 566560.83
Easting (US ft)	: 1458014.86

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	B1-079-SB-1	(0-3') SAND, fine to medium grained with GRAVEL, well graded, loose, light beige and black, dry, no plasticity, cohesive; grades to SAND, coarse grained with SLAG GRAVEL, poorly graded, loose, brown, dry, no plasticity, no cohesion	SW/SP	
		-				
		24.5				
		31.4		(3-4.7') SLAG, loose, gray, moist, no plasticity, no cohesion	GP	
		27.6	B1-079-SB-5			
5		-		(4.7-7') CLAY, trace SILT, soft, beige, moist, high plasticity, cohesive	CH	
		-				
	60	16.3		(7-9.5') SAND, coarse to very coarse grained, poorly graded, loose, beige, wet, no plasticity, no cohesion	SP	Wet at 7.5' bgs
		-				
		-		(9.5-10') CLAY with SAND, very soft to stiff, dark gray grading to beige, wet, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-080-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny
Northing (US ft)	: 566583.10
Easting (US ft)	: 1458013.15

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-080-SB-1	(0-0.9') SAND, medium grained with white GRAVEL, poorly graded, loose, beige, dry, no plasticity, no cohesion	SP	
				(0.9-1.5') SILT with SAND, soft, black, dry, no plasticity, no cohesion	GP	
		76.0		(1.5-3.3') SANDY GRAVEL, coarse grained, loose, gray and light brown, dry, no plasticity, no cohesion	GP	
	50	23.0				
		223.1	B1-080-SB-4	(3.3-4.5') CLAYEY SILT, stiff, black, dry, medium plasticity, cohesive	ML	
		53.1		(4.5-5') SANDY GRAVEL, coarse-grained, loose, gray and light brown, dry, no plasticity, no cohesion	GP	
5				(5-5.5') SAND, very coarse grained, poorly graded, very loose, beige and gray, moist, no plasticity, no cohesion	SP	
		24.1		(5.5-7.5') CLAY with SAND, stiff, beige, moist, high plasticity, cohesive	CH	
		27.2				
	100	16.4		(7.5-8') CLAYEY SILT, trace SAND, very stiff, dark brown, moist, medium plasticity, cohesive	ML	
				(8-10') CLAY, trace SAND, very soft, beige, wet to moist, high plasticity, high cohesive	CH	Wet at 8' bgs
		6.6				
		10.3				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-081-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 567221.81
Easting (US ft)	: 1457126.83

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-081-SB-1	(0-2') SILT, trace SAND, loose, brown, dry, no plasticity, no cohesion	ML	
		12.6				
	50	13.8		(2-3') SAND, medium to coarse grained, with SILT and small GRAVEL, well graded, loose, brown, dry, no plasticity, no cohesion	SW	
		0.1		(3-5') Sandy SILT with lenses of mint-green CLAY, soft, dark brown with green tinge, moist then wet at 4.5', low plasticity, cohesive	ML	Wet at 4.5' bgs
		9.0	B1-081-SB-4.5			Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-082-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 567194.76
Easting (US ft)	: 1457129.57

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-082-SB-1	(0-1') SILT, with SLAG GRAVEL, soft, brown, dry, no plasticity, no cohesion	ML	
	87	1.4 1.5 0.8		(1-3.7') SAND, medium to coarse grained with small SLAG GRAVEL and trace SILT, well graded, loose, beige and light brown, dry, no plasticity, no cohesion	SW	
				(3.7-4') SAND, medium to coarse grained, well graded, reddish-brown, moist, loose, no plasticity, no cohesion	SW	Wet at 4.5' bgs
5		1.2	B1-082-SB-5	(4-5') SAND, Poorly Graded, loose, coarse grained, beige, moist but wet at very bottom, no plasticity, no cohesion	SP	Boring terminated at 5' bgs due to encountering groundwater

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-083-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 567898.08
Easting (US ft)	: 1457153.48

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	50	-	B1-083-SB-1	(0-4') GRAVELLY SAND, medium grained, loose, brown, dry, no plasticity, no cohesion	SP	
		-				
		9.3				
		4.9				
				(4-5') SLAG, small with trace SILT, loose, brown and gray, wet, no plasticity, no cohesion		Wet at 4.0' bgs
		2.5			GP	Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-084-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 567939.95
Easting (US ft)	: 1457212.21

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-084-SB-1	(0-1.5') SLAG, GRAVEL and SAND-sized, loose, gray and brown, dry, no plasticity, no cohesion	GP	
		174.4		(1.5-6') GRAVELLY SAND, medium grading to fine grained with few green SLAG GRAVEL at depth, loose, brown to dark brown, dry, no plasticity, no cohesion		
	80	245.5				
		34.3	B1-084-SB-4		SP	
		31.6				
5		-				
		-		(6-10') SLAG, GRAVEL-sized with trace SILT, loose, light gray, wet, no plasticity, no cohesion		Wet at 7.0' bgs
	60	101.8			GP	
		398.1				
		430.4				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-085-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565570.94
Easting (US ft)	: 1457701.12

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-085-SB-1	(0.0-2') GRAVEL, Poorly Graded, spherical, loose, brown, dry, no plasticity, no cohesion	GP	
		-				
				(2-2.3') CLAY, with SAND, soft, dark brown, moist, high plasticity, cohesive	CH	
	70	24.4		(2.3-5') SAND, Well Graded, fine to medium grained with SLAG GRAVEL, loose, brown, moist then wet at very bottom, no plasticity, no cohesion		
		3.6			SW	Wet at 5' bgs
		1.0				Boring terminated at 5' bgs due to encountering groundwater
5						

Total Borehole Depth: 5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-086-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, cloudy
Northing (US ft)	: 565572.45
Easting (US ft)	: 1457711.61

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-086-SB-1	(0.0-2') GRAVEL, Poorly Graded, spherical, with trace INSULATION present, loose, brown, dry, no plasticity, no cohesion	GP	
		6.1				
	80	9.6		(2-8') SAND, Poorly Graded, medium grained, loose, light brown, dry, no plasticity, no cohesion	SP	
		6.2				
		6.5	B1-086-SB-5			
5		-				
		1.1				
	80	0.6				
		-		(8-9') GRAVELLY CLAY, very soft, brown, wet, high plasticity, cohesive	CH	Wet at 8.5' bgs
		-		(9-10') GRAVELLY CLAY, with SAND, very soft, tan, wet, high plasticity, cohesive	CH	Sewage smell Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-087-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 565891.94
Easting (US ft)	: 1458695.28

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-087-SB-1	(0.0-0.5') SILT, with SAND and GRAVEL SLAG, soft, brown, dry, no plasticity, no cohesion	ML	
				(0.5-0.9') SLAG and ROCK, loose, black, moist, no plasticity, no cohesion	GP	
		43.8		(0.9-2.5') SAND, Poorly Graded, medium grained with trace oxidation, loose, beige, dry, no plasticity, no cohesion	SP	
	80	102.1		(2.5-5') SANDY GRAVEL, loose, gray and brown, dry, no plasticity, no cohesion		
		90.9	B1-087-SB-4		GP	
		25.2				
5		-		(5-7') No recovery		
		-				
	60	66.2		(7-10') SLAG, GRAVEL and SAND-sized with few green SLAG, gray, dry then wet at 9.5', loose, no cohesion, no plasticity		Slight odor
		77.8			GP	Wet at 9.5' bgs
		138.6				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-088-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 565873.59
Easting (US ft)	: 1458722.56

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.3') TOPSOIL, few small ROOTS, soft, brown, dry, no plasticity, cohesive	OL	
		47.2	B1-088-SB-1	(0.3-0.8') SANDY SILT, soft, brown, dry, no plasticity, no cohesion	ML	
		63.1		(0.8-2.5') CLAY, soft, tan with orange mottling, moist, high plasticity, cohesive	CH	
	100	53.4		(2.5-3') CONCRETE and BRICK, GRAVEL-sized with trace beige CLAY, loose, dry, no plasticity, no cohesion	GP	
		41.6		(3-4.5') CLAY, soft, tan with orange mottling, moist, high plasticity, cohesive	CH	
		69.8	B1-088-SB-5	(4.5-7') SLAG, GRAVEL-sized with lenses of CLAY, loose, gray, dry, no plasticity, no cohesion	GP	
5		-				
		-				
	50	-		(7-8') CONCRETE, loose, light gray, dry, no cohesion, no plasticity	GP	
		-		(8-9') SAND, Poorly Graded, coarse grained, dense, black, wet, no plasticity, no cohesion, strong odor and sheen	SP	Wet at 8' bgs
		-		(9-10') CLAY, very soft, dark gray, wet, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-089-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565568.11
Easting (US ft)	: 1457659.21

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-089-SB-1	(0-2.5') GRAVEL, Poorly Graded, spherical with few wood fragments, loose, brown, dry, no plasticity, no cohesion	GP	
1						
		3.2				
2	88					
		2.0		(2.5-3.5') CONCRETE, gravel-sized, loose, light gray, dry, no plasticity, no cohesion	GP	Wet at 3.5' bgs
3						
		2.7		(3.5-4') SANDY GRAVEL, loose, brown, wet,no plasticity, no cohesion	GP	Boring terminated at 4' bgs due to encountering groundwater
4						

Total Borehole Depth: 4' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-090-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565567.07
Easting (US ft)	: 1457648.81

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-090-SB-1	(0-2') GRAVEL, Poorly Graded, spherical with few wood fragments and slag gravel, loose, brown, dry, no plasticity, no cohesion	GP	
1						
		2.3				
2				(2-2.5') CONCRETE, gravel and sand-sized, loose, white, dry, no plasticity, no cohesion	GP/SP	
	80	11.3		(2.5-7') SLAG, gravel and sand-sized with very large slag from 4.5 to 5', loose, light gray and beige, moist then grading to wet at 6.8',no plasticity, no cohesion		
3						
		4.4				
4						
		3.3			GP/SP	
5						
		1.2	B1-090-SB-6			
6						Wet at 6.8' bgs
	100	0.8				Boring terminated at 7' bgs due to encountering groundwater
7						

Total Borehole Depth: 7' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-091-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567701.42
Easting (US ft)	: 1457814.44

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-091-SB-1	(0-2.3') SANDY SILT, soft, brown, moist, no plasticity, cohesive	SM	Topsoil
1						
		-				
2						
	60	9.1		(2.3-2.7') CONCRETE, gravel and sand-sized, loose, white, dry, no plasticity, no cohesion	GP/SP	
				(2.5-7') SAND, Well Graded, fine to medium grained with trace silt and gravel, loose, dry then wet at 7', no plasticity, no cohesion		
3						
		8.3				
4						
		8.0	B1-091-SB-5		SW	
5						
		11.2				
6						
	100	-				Wet at 7' bgs
7						Boring terminated at 7' bgs due to refusal

Total Borehole Depth: 7' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-092-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 60s, sunny
Northing (US ft)	: 567705.89
Easting (US ft)	: 1457852.65

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-092-SB-1	(0-1') Organic SILT, trace SAND and few GRAVEL, soft, brown, moist, no plasticity, no cohesion	OL	Topsoil
		9.2		(1-2.5') CONCRETE, gravel-sized, loose, light gray, dry, no plasticity, no cohesion	GP	
	87	4.8		(2.5-4.7') SAND with trace GRAVEL, Well Graded, medium to coarse grained, loose, beige-brown, dry, no plasticity, no cohesion	SW	
3		3.2				
		4.6	B1-092-SB-5			
				(4.7-5') SLAG, gravel and sand-sized, loose, gray and black, moist, no plasticity, no cohesion	GP/SP	
		-		(5-6.3') SILTY SAND, fine grained, loose, brown, dry, no plasticity, no cohesion	SP	
6		10.8		(6.3-8') SLAG, loose, gray, white-coated with trace beige SAND, moist, no plasticity, no cohesion	GP	
	80	7.8				
		7.0		(8-9') SAND, Poorly Graded, fine grained with SILT and SLAG GRAVEL, loose, beige, moist, no plasticity, no cohesion	SP	
9		7.6	B1-092-SB-10	(9-10') SLAG, loose, gray, white-coated with trace beige sand, moist, no plasticity, no cohesion	GP	
		-		(10-11') SAND, Well Graded, medium grading to coarse grained, loose, brown, dry, no plasticity, no cohesion	SW	Wet at 11' bgs
	75	-		(11-12') CONCRETE, sand-sized, loose, gray, wet, no plasticity, no cohesion	SP	Boring terminated at 12' bgs due to refusal
12						

Total Borehole Depth: 12' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-093-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 50s, sunny
Northing (US ft)	: 566765.53
Easting (US ft)	: 1458145.79

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-093-SB-1	(0-1') CONCRETE, gravel-sized, loose, light gray, dry, no plasticity, no cohesion	GP	
1				(1-2.6') SAND, Poorly Graded, loose, beige, dry, no plasticity, no cohesion	SP	
		-				
2	75	28.6				
				(2.6-4.5') GRAVELLY CLAY, SLAG GRAVEL with SAND, soft, brown and gray, moist, medium plasticity, cohesive	CL	
3		23.8				
4						
		25.9	B1-093-SB-5	(4.5-5') SANDY CLAY with GRAVEL, soft, beige, moist, high plasticity, cohesive	CH	
5				(5-6') SANDY CLAY, few large SLAG GRAVEL present, brown, moist then wet at 5.5', high plasticity, cohesive		
		16.2			CH	Wet at 5.5' bgs
6						Boring terminated at 6' bgs due to refusal

Total Borehole Depth: 6' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-094-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny
Northing (US ft)	: 566890.47
Easting (US ft)	: 1458120.37

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-094-SB-1	(0-3') CONCRETE, gravel and sand-sized with "fill", loose, light gray to gray, dry, no plasticity, no cohesion		
		-			GP/SP	
	70	275.6				
				(3-5.5') SAND, Well Graded, medium to coarse grained, loose, beige, dry, no plasticity, no cohesion		Liner partially melted, soil compressed
		394.9				
					SW	
		22.5				
5						
		-		(5.5-8.5') SAND, Poorly Graded, very coarse grained, loose, beige, very moist, no plasticity, no cohesion		
		-	B1-094-SB-7			
					SP	
	50	26.9				
		27.5				
				(8.5-9') SAND, Poorly Graded, coarse grained with small SLAG GRAVEL, loose, beige and gray, moist, no plasticity, no cohesion	SP	
					SP	Wet at 9' bgs
		22.5		(9-9.5') SAND, Poorly Graded, fine to medium grained, loose, beige, wet, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due encountering groundwater
10				(9.5-10') GRAVEL with SAND, Poorly Graded, loose, tan, wet, no plasticity, no cohesion		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-095-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566719.10
Easting (US ft)	: 1456409.22

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-095-SB-1	(0-3.5') SAND, Poorly Graded, fine grained with SILT, BRICK and small metallic GRAVEL, loose, brown to very dark brown, dry, no plasticity, no cohesion	SP	
		31.6				
	70	31.6				
		56.8	B1-095-SB-4			
		41.0		(3.5-6') SANDY GRAVEL, small grading to large, loose, brown, moist, no plasticity, no cohesion	GP	
5		-				
		-		(6-12') SAND, Well Graded, with medium SLAG GRAVEL, loose, brown, dry, no plasticity, no cohesion, trace oxidation; grades to SAND, Poorly Graded, very coarse grained with trace SLAG GRAVEL, loose, dark brown and beige, moist, no plasticity, no cohesion		
	60	33.5				
		33.0			SW/SP	
		34.4	B1-095-SB-10			
10		-				
		-				
		-		(12-15') SANDY GRAVEL, loose, dark brown, moist then wet at 14', no plasticity, no cohesion		
	30	-			GP	
		-				Wet at 14' bgs
		-				Boring terminated at 15' bgs due encountering groundwater
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-096-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566778.05
Easting (US ft)	: 1456447.63

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-096-SB-1	(0-2.7') CONCRETE, gravel and sand-sized, loose, beige, dry, loose, no plasticity, no cohesion	GP/SP	
		-				
	60	51.2		(2.7-6') SILTY SAND, fine grained with few large BRICK GRAVEL at 3', loose, brown, dry, no plasticity, no cohesion		
		50.3	B1-096-SB-4		SM	
		32.5				
5		-				
		-		(6-9') Silty SAND, small GRAVEL throughout and few large gravel SLAG at 6.5', loose, brown, dry, no plasticity, no cohesion		
	70	41.1			SM	
		46.7				
				(9-9.3') BRICK, gravel-sized, loose, dry, loose, no plasticity, no cohesion	GP	Wet at 10' bgs
		55.5	B1-096-SB-10	(9.3-10') GRAVEL with SAND, Poorly Graded, loose, brown, moist then wet at10', no plasticity, no cohesion	GP	Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-097-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566941.64
Easting (US ft)	: 1458881.19

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-097-SB-1	(0-4') SAND, Well Graded, fine to coarse grained with SLAG GRAVEL and oxidized throughout, dry then moist at 3', loose, no plasticity, no cohesion	SW	
	80	25.1				
		23.7				
		28.6				
		37.0	B1-097-SB-5	(4-6') SAND with SLAG GRAVEL, Well Graded, fine to coarse grained, loose, brown, dry, no plasticity, no cohesion, trace oxidation	SW	
5		-				
		-		(6-7.5') SILTY SAND, dense, brown, moist, no plasticity, no cohesion	SM	
	60	23.3		(7.5-10') SILT, stiff, gray, dry, low plasticity, cohesive		
		28.0			ML	
		34.1	B1-097-SB-10			
10		-		(10-15') SILT, dark gray, trace SAND, stiff, moist then wet at 14', no plasticity, cohesive		
		-				
	100	2.6			ML	
		6.3				Wet at 14' bgs
		18.7				Boring terminated at 15' bgs due encountering groundwater
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-098-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566958.86
Easting (US ft)	: 1458837.91

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-098-SB-1	(0-0.7') SANDY SILT, loose, brown, dry, no plasticity, no cohesion	ML	
				(0.7-1') CONCRETE, gravel-sized, loose, off-white, dry, no plasticity, no cohesion	GP	
		23.4		(1-2.5') SAND, Well Graded, fine to coarse grained with metallic specks and BRICK GRAVEL, loose, dry, no plasticity, no cohesion, trace oxidation	SW	
	90	22.6		(2.5-6') SLAG, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	GP/SP	
		24.1				
		23.6	B1-098-SB-5			
5		-				
		-		(6-10') SANDY CLAY, soft, tan and brown with few areas of black, moist then wet at 7.5', medium plasticity, cohesive	CL	
	70	23.3				Wet at 7.5' bgs
		24.6				
		25.4				Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-099-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566222.18
Easting (US ft)	: 1457678.32

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-099-SB-1	(0-0.4') Organic SILT, soft, brown, moist, no plasticity, cohesive	ML	Topsoil
		7.4		(0.4-2.7') SAND, Well Graded, fine to medium grained, loose, dark brown, dry, no plasticity, no cohesion, trace oxidation	SW	
	87	7.3				
		6.5		(2.7-4') SANDY GRAVEL, loose, white, dry, no plasticity, no cohesion; grades down to SAND, Well Graded, medium to coarse grained, loose, brown to dark brown, dry, no plasticity, no cohesion	GP/SW	
		6.7	B1-099-SB-5	(4-5.5') SLAG, gravel and sand-sized, loose, beige and gray, dry, no plasticity, no cohesion	GP/SP	
5		-		(5.5-6.5') CLAY, soft, tan and light gray, very moist, high plasticity, cohesive	CH	
		9.9		(6.5-10') CLAY trace SAND, very soft, light brown grading to gray with black streaks, wet, high plasticity, cohesive		Wet at 6.5' bgs
	90	13.7			CH	
		-				
		-				Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-100-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566228.56
Easting (US ft)	: 1457736.19

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-100-SB-1	(0-3') SANDY SILT, loose, dark brown with metallic specks, dry, no plasticity, no cohesion	ML	
	70	11.3				
		5.7		(3-4') SILT trace SAND, soft, tan, moist, low plasticity, cohesive	ML	
		8.5	B1-100-SB-5	(4-5.5') CONCRETE, gravel and sand-sized, loose, beige and white, dry, no plasticity, no cohesion	GP/SP	
5		-		(5.5-9.5') GRAVEL with SAND, Poorly Graded, loose, dark brown grading to tan and gray, moist then wet at 7.5', no plasticity, no cohesion	GP	Wet at 7.5' bgs
		8.8				
	80	9.7				
		-				
		-		(9.5-10') SLAG, gravel and sand-sized, loose, olive-gray, wet, no plasticity, no cohesion	GP/SP	Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-101-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565610.98
Easting (US ft)	: 1457638.20

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	B1-101-SB-1	(0-4.8) SAND, Well Graded, fine to medium grained with dark GRAVEL SLAG, loose, brown, dry, no plasticity, no cohesion	SW	
		-				
		1.5				
		0.0				
		0.0	B1-101-SB-5			
5				(4.8-6') SAND, Poorly Graded, medium grained, loose, beige, moist, no plasticity, no cohesion	SP	
		-				
		0.0		(6-9') GRAVELLY SAND, loose, brown, moist, no plasticity, no cohesion	GP	
	70	0.0				
		-				
		-		(9-10') SANDY GRAVEL with SILT, loose, brown, wet, no plasticity, no cohesion	GP	Wet at 9' bgs Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-102-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565567.47
Easting (US ft)	: 1457631.14

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	B1-102-SB-1	(0-2.5') GRAVEL, Poorly Graded, spherical with little CONCRETE GRAVEL, loose, brown, dry, no plasticity, no cohesion; thin layer of SILT, soft, black, moist, low plasticity, cohesive	GP/ML	Pungent odor
		-				
		2.8		(2.5-3') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP	
				(3-3.3') SANDY CLAY, soft, brown, moist, high plasticity, cohesive	CH	
		9.7	B1-102-SB-4.5	(3.3-5') GRAVELLY SAND, loose, brown and gray, moist then wet at 4.5', no plasticity, no cohesion	SP	Wet at 4.5' bgs
		6.0				Boring terminated at 5' bgs due encountering groundwater
5						

Total Borehole Depth: 5' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-103-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566160.29
Easting (US ft)	: 1456663.40

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-103-SB-1	(0-3.5') GRAVEL with SAND, Poorly Graded, loose, dark brown, dry, no plasticity, no cohesion	GP/SP	
		6.0				
	70	7.1				
		4.5		(3.5-6') SAND with trace GRAVEL, Poorly Graded, coarse grained, loose, black, dry, no plasticity, no cohesion	SP	
		6.7	B1-103-SB-5			
5		-				
		-		(6-10') SAND with trace GRAVEL, Poorly Graded, coarsed grained, loose, black, dry then moist at 8' and wet at 9', no plasticity, no cohesion	SP	
	60	4.5				
		4.6				Wet at 9' bgs
		4.1				Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-104-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566227.86
Easting (US ft)	: 1456646.88

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-104-SB-1	(0-1.5') SLAG and BRICK, loose, dry, no plasticity, no cohesion	GP/SP	
		4.2		(1.5-9.5') SLAG, gravel and sand-sized, loose, dark brown, dry then wet at 9', no plasticity, no cohesion		
	80	4.2				
3		4.1				
		4.1	B1-104-SB-5			
		-			GP/SP	
6		-				
	45	-				
		-				Wet at 9' bgs
9		-				Boring terminated at 9.5' bgs due to refusal

Total Borehole Depth: 9.5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-105-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566189.10
Easting (US ft)	: 1456626.89

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-105-SB-1	(0-6') SAND with SLAG GRAVEL, loose, black, dry, no plasticity, no cohesion		
		4.2				
	80	4.2			SP	
		4.2				
		4.2	B1-105-SB-5			
5		-				
				(6-10') SLAG, gravel and sand-sized, brown, dry then wet at 9', no plasticity, no cohesion		
		-				
	60	4.2			GP/SP	
		4.2				Wet at 9' bgs
		4.2				Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-106-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566241.12
Easting (US ft)	: 1456619.17

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-106-SB-1	(0-2') SLAG and BRICK, large grain size, loose, gray and beige, dry, no plasticity, no cohesion	GP	
		3.7				
	80	3.7		(2-10') SLAG, gravel and sand-sized, loose, dark brown, dry then wet at 9', no plasticity, no cohesion		
		3.2				
		3.2	B1-106-SB-5			
5		-			GP/SP	
		3.8				
	80	3.8				
		3.8				
		3.9				Wet at 9' bgs Boring terminated at 10' bgs due encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-107-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566979.85
Easting (US ft)	: 1458708.04

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-107-SB-1	(0-1.5') GRAVEL with SAND, Poorly Graded, loose, gray and brown, moist, no plasticity, no cohesion	GP	
		27.1		(1.5-3.5') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP/SP	
	75	22.8				
		22.0		(3.5-5') SAND, Well Graded, fine to medium grained, loose, brown, dry, no plasticity, no cohesion; grades to SILT, soft, brown, moist, no plasticity, no cohesion	SW/ML	
		17.4	B1-107-SB-5			
				(5-6') SAND with trace SILT and GRAVEL SLAG at depth, Poorly Graded, medium grained, loose, brown, moist then wet at 5.8', no plasticity, no cohesion	SP	Wet at 5.8' bgs
	100	20.4				Boring terminated at 6' bgs due to refusal on probable dense slag
6						

Total Borehole Depth: 6' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-108-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny
Northing (US ft)	: 566948.64
Easting (US ft)	: 1458786.16

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-108-SB-1	(0-2.5') SAND with trace GRAVEL, Well Graded, fine to medium grained, very loose, brown, dry, no plasticity, no cohesion	SW	
		-				
	70	28.0		(2.5-3') CONCRETE and BRICK, gravel and sand-sized, loose, dry, no plasticity, no cohesion	GP/SP	
				(3-4.5') SILT with SAND, soft, dark brown, dry, no plasticity, no cohesion	ML	
		39.0				
		47.9	B1-108-SB-4.5	(4.5-6') SLAG, gravel-sized, loose, gray, wet, no plasticity, no cohesion		Wet at 4.5' bgs
5		-				
		-		(6-8') SLAG with SILT, loose, gray, wet, no plasticity, no cohesion	GP-GM	
	60	23.5				
		21.8		(8-9') SAND, Poorly Graded, medium grained, loose, beige, moist, no plasticity, no cohesion	SP	
		18.6		(9-10') SLAG, gravel-sized, loose, gray, dry, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-109-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny, windy
Northing (US ft)	: 567049.64
Easting (US ft)	: 1458703.40

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-109-SB-1	(0-4') SAND, Poorly Graded, medium grained with SILT, loose, brown, dry, no plasticity, no cohesion	SP-SM	
		29.5				
	80	52.7				
		225.1	B1-109-SB-4			
				(4-4.3') SLAG, gravel-sized, loose, gray, moist, no plasticity, no cohesion	GP	
		32.2		(4.3-5') SAND, Poorly Graded, medium grained with few large slag at depth with SILT, brown, loose, dry, no plasticity, no cohesion	SP-SM	
	100	27.4		(5-6') SILTY SAND with SLAG GRAVEL, stiff, tan and gray, moist, no plasticity, no cohesion	SM	
				(6-7') SANDY SILT, stiff, brown, wet, no plasticity, cohesive	SM	Wet at 6' bgs
		30.0				Boring terminated at 7' bgs due to refusal
7						

Total Borehole Depth: 7' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-110-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/21/2016
Weather	: 40s, sunny, windy
Northing (US ft)	: 566975.16
Easting (US ft)	: 1458774.83

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	70	-	B1-110-SB-1	(0-3') SAND, Poorly Graded, medium grained with SILT and SLAG GRAVEL, loose, brown, dry, no plasticity, no cohesion	SP-SM	trace oxidation
		3.0				
		5.0				
				(3-3.5') SLAG, gravel-sized, loose, gray, moist, no plasticity, no cohesion	GP	Fiberglass and wood found throughout first sleeve
		7.8		(3.5-6') SANDY SILT with CLAY, stiff, brown, moist, low plasticity, cohesive	ML	
		11.0	B1-110-SB-5			
5		-				
	60	-		(6-9') SANDY SILT with GRAVEL SLAG, stiff, brown, wet, low plasticity, cohesive	ML	
		-				
		3.0				
				(9-9.5') SLAG, small gravel-sized, loose, gray, moist, no plasticity, no cohesion	GP	Wet at 9.5' bgs
		14.3		(9.5-10') SAND, Poorly Graded, medium grained with SLAG GRAVEL at depth, loose, beige, wet, no plasticity, cohesive	SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-111-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/7/2016
Weather	: 50s, sunny
Northing (US ft)	: 566025.31
Easting (US ft)	: 1456679.60

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-111-SB-1	(0-2') SILTY SAND, loose, micaceous, light brown, dry, no plasticity, no cohesion	SM	
		19.2				
	87	52.7		(2-4.5') SANDY SILT, soft, dark brown, moist, no plasticity, cohesive	ML	
		75.0	B1-111-SB-4			
		45.3		(4.5-6') SANDY GRAVEL, loose, gray, dry, no plasticity, no cohesion	GP	
5		-				
		-		(6-8') SANDY GRAVEL, loose, dark grading to light brown, very moist, no plasticity, no cohesion	GP	
	60	-				
		24.1		(8-10') BRICK, gravel-sized and very coarse grained sand-sized, loose, beige, wet, no plasticity, no cohesion	GP/SP	Wet at 8' bgs
		28.0				Boring terminated at 10' bgs due to encoutering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-112-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566048.24
Easting (US ft)	: 1456876.40

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	84	36.9	B1-112-SB-1	(0-6.5') SANDY SILT with trace SLAG GRAVEL (0-1'), soft, brown-gray grading to dark brown, dry, no plasticity, no cohesion	ML	trace oxidation and metallic specks (0-6.5' bgs)
		74.5				
		54.1				
		35.7				
		38.2	B1-112-SB-5			
5		-				
	70	-		(6.5-8') SANDY SILT, soft, gray to very dark gray, moist, low plasticity, cohesive	ML	metallic specks and slight shine with odor (6.5-8' bgs)
		62.8				
		71.1		(8-9') SANDY GRAVEL, loose, gray to brown, very moist, no plasticity, no cohesion	GP	Wet at 9' bgs
		-		(9-10') SANDY GRAVEL, loose, beige, wet, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due to encoutering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-113-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/8/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566074.47
Easting (US ft)	: 1457069.43

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	B1-113-SB-1	(0-6') SILTY SAND, fine to medium grained, loose, brown, dry, no plasticity, no cohesion	SM	fine metallic specks (0-2' bgs)
		-				
		23.6				
		17.1				
		19.7				
5		-	B1-113-SB-5			
	60	-		(6-10') SAND, Well Graded, fine to coarse grained, dense, light beige and tan, moist then wet at 8', no plasticity, cohesion	SW	Wet at 9' bgs
		25.0				
		-				Boring terminated at 10' bgs due to encountering groundwater
		-				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-114-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/7/2016
Weather	: 30s, sunny
Northing (US ft)	: 565999.56
Easting (US ft)	: 1456458.56

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-2.5') SILT, micaceous and small GRAVEL at top, soft, dark brown grading to brown,dry, no plasticity, no cohesion		
		21.5	B1-114-SB-1			
1					ML	
	55	19.4				
2						Boring terminated at 2.5' bgs due to refusal
		21.2				

Total Borehole Depth: 2.5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-115-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566139.47
Easting (US ft)	: 1457718.88

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-2') GRAVELLY SAND, fine to medium grained and gravel decreases with depth, loose, brown, dry, no plasticity, no cohesion		
		11.4	B1-115-SB-1			
1					SP	
	100	13.3				
						Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-116-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 60s, sunny
Northing (US ft)	: 566182.00
Easting (US ft)	: 1457985.27

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-116-SB-1	(0-2.5') SAND, Well Graded, fine to medium grained with SILT, loose, brown, dry, no plasticity, no cohesion	SW-SM	
		0.0				
	80	0.6		(2.5-6') BRICK, sand-sized with SAND, loose, beige, off-white, and pink, dry, no plasticity, no cohesion		
		0.0				
		0.0	B1-116-SB-5		SW	
5		-				
		-		(6-10') BRICK, gravel-sized with poorly graded medium to coarse grained sand, loose, beige and brown, dry, no plasticity, no cohesion		
	60	0.0			GP/SP	
		0.0				Wet at 9.5' bgs
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-117-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 567040.42
Easting (US ft)	: 1459109.91

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		11.8	B1-117-SB-1	(0-3.5') SLAG, sand and gravel-sized, loose, black, dry, no plasticity, no cohesion	GP/SP	
		4.2				
	90	1.1				
		1.2	B1-117-SB-4.5	(3.5-9.5') BRICK, broken gravel-sized with SAND, loose, tan, dry, no plasticity, no cohesion		
		0.0				
5		12.0				
		12.0			GP/SP	
	90	4.4				
		0.4				Wet at 9.5' bgs
		0.1		(9.5-10') SLAG, gravel and sand-sized, loose, dark brown, wet, no plasticity, no cohesion	GP/SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-118-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 566681.05
Easting (US ft)	: 1458923.84

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		29.9	B1-118-SB-1	(0-6') SLAG, gravel and sand-sized, loose, brown and black, dry, no plasticity, no cohesion		
		56.7				
	90	1.7			GP/SP	
		1.5				
		7.5	B1-118-SB-5			
5		-				
		-		(6-8.5') BRICK, gravel-sized, loose, tan, dry, no plasticity, no cohesion	GP	
	60	5.6				
		0.0		(8.5-9') SLAG, gravel and sand-sized, loose, brown, wet, no plasticity, no cohesion	GP/SP	Wet at 8.5' bgs
		0.0		(9-10') BRICK, gravel-sized, loose, tan, wet, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-119-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 80s, sunny
Northing (US ft)	: 566212.01
Easting (US ft)	: 1458361.40

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-119-SB-1	(0-2') SILTY SAND and few SLAG GRAVEL, soft, brown, dry, no plasticity, no cohesion	SM	trace roots
		0.0				
	80	0.0		(2-2.5') SAND, Well Graded, fine to medium grained with SLAG GRAVEL, loose, greenish-beige, dry, lno plasticity, no cohesion	SW	
		0.0		(2.5-6') SILTY SAND, fine grained with metallic SLAG GRAVEL, loose, dark brown, dry, no plasticity, no cohesion	SM	
		0.0	B1-119-SB-5			
5		-				
		0.0		(6-9.7') SAND, Poorly Graded, medium grained with GRAVEL, loose, brown, dry grading to moist, no plasticity, no cohesion	SP	
	80	0.0				
		0.0				
		0.0	B1-119-SB-10			
10		-		(9.7-12') SAND, Poorly Graded, medium grained, loose, light brown and beige, moist, no plasticity, no cohesion	SP	
		-				
	30	-		(12-15') GRAVELLY SAND, loose, yellow-beige and brown, wet, no plasticity, no cohesion	SP	Wet at 13.5' bgs
		-				
		-				Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-120-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566119.12
Easting (US ft)	: 1457440.28

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-120-SB-1	(0-0.5') SAND, Poorly Graded, medium grained with "fill" GRAVEL, loose, brown, dry, no plasticity, no cohesion	SP	
				(0.5-2.5') GRAVELLY SAND, loose, gray and brown, dry, no plasticity, no cohesion		
		5.4			SP	
	80	6.7		(2.5-10') BRICK, gravel and sand-sized, loose, light beige and maroon, dry then wet at 9.5', no plasticity, no cohesion		
		7.4				
		4.8				
5		-				
		12.5			GP/SP	
	80	12.7				
		10.4				Wet at 9.5' bgs
		12.5				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-121-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567606.15
Easting (US ft)	: 1457972.05

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.3') Organic SILT, soft, brown, moist, medium plasticity, cohesive	ML	Topsoil
				(0.3-2') SILTY SAND with few BRICK GRAVEL, loose, brown, moist, no plasticity, cohesive		
		-	B1-121-SB-1			
1					SM	
	75	6.9				Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-122-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567712.36
Easting (US ft)	: 1457961.24

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	100	-	B1-122-SB-1	(0-1.3') SILT with trace GRAVEL, soft, brown, moist, no plasticity, cohesive	ML	Topsoil
1		9.0		(1.3-1.6') BRICK, gravel-sized, loose, red, dry, no plasticity, no cohesion	GP	
				(1.6-2') SILTY SAND few BRICK GRAVEL and CONCRETE at very bottom, loose, dark brown, moist, no plasticity, cohesive	SM	Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-123-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 70s, sunny
Northing (US ft)	: 567734.12
Easting (US ft)	: 1458084.63

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	75	9.8	B1-123-SB-1	(0-0.6') TOPSOIL, SILT and GRAVEL "fill", soft, brown, moist, no plasticity, cohesive	ML	Topsoil
				(0.6-2') SANDY SILT, soft, brown, moist, no plasticity, no cohesion		
1						
		9.2			ML	
						Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-124-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567727.64
Easting (US ft)	: 1458020.44

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	75	-	B1-124-SB-1	(0-1') SANDY TOPSOIL, brown, moist, slight plasticity, cohesive, small roots present	SW	Topsoil oily smell
1		7.4		(1-2') SANDY SILT, soft, black, moist, slight plasticity, cohesive	ML	oily smell Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-125-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567676.14
Easting (US ft)	: 1458057.01

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.3') Organic SILT, soft, brown, moist, no plasticity, cohesive	ML	
				(0.3-2') SILT, soft, brown, moist, no plasticity, cohesive		
		-	B1-125-SB-1			
1	100				ML	
		7.1				Strong oily smell
2						Boring terminated at 2' bgs due to water

Total Borehole Depth: 2' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-126-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565548.04
Easting (US ft)	: 1457388.74

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	100	0.0	B1-126-SB-1	(0-0.3') SAND, Well Graded, loose, brown, dry, no plasticity, no cohesion	SW	Boring terminated at 1' bgs due to water
1						

Total Borehole Depth: 1' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-127-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, sunny
Northing (US ft)	: 565535.63
Easting (US ft)	: 1457346.44

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-127-SB-1	(0-1.5') SANDY SILT, very soft, brown, dry, no plasticity, no cohesion	ML	
		0.0		(1.5-2') CONCRETE, sand-sized, loose, off-white, dry, no plasticity, no cohesion	SP	
	70	2.4		(2-5') SLAG, gravel and sand-sized with some gravel with green coloration, loose, light gray, dry, no plasticity, no cohesion	GP/SP	
		0.0				
		0.0				
5		-	B1-127-SB-6	(5-8.5') SLAG, gravel and sand-sized with sand content and size increasing with depth, loose, brown, some green slag, moist then wet at 8.5', no plasticity, no cohesion	GP/SP	
		-				
	70	0.0				
		0.0				Wet at 8.5' bgs
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-128-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565489.39
Easting (US ft)	: 1457164.50

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.5') SANDY CLAY, soft, brown, moist, high plasticity, cohesive	CH	
		-	B1-128-SB-1	(0.5-1') GRAVEL and ROCK, Poorly Graded, loose, black and gray, dry, no plasticity, no cohesion	GP	
		-		(1-3.9') SAND, Poorly Graded, medium grained with CONCRETE GRAVEL, loose, brown, dry, no plasticity, no cohesion	SP/GP	
2	50	0.0				
		0.0				Wet at 3.9' bgs
						Boring terminated at 4' bgs due to refusal and water
4				(3.9-4') SANDY GRAVEL, loose, brown, wet, no plasticity, no cohesion	GP	

Total Borehole Depth: 4' bgs.

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ARM Group Inc.
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Boring ID: B1-129-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565506.84
Easting (US ft)	: 1457169.11

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.3') SANDY CLAY, medium grained, soft, brown, moist, high plasticity, cohesive	CH	
		-	B1-129-SB-1	(0.3-3') GRAVEL ROCK with SAND, Poorly Graded, loose, black and gray, moist, no plasticity, no cohesion	GP	
		-				
		0.0				
	60			(3-4.6') SAND, Well Graded, fine to medium grained with gray SLAG GRAVEL, loose, brown and gray, dry, no plasticity, no cohesion	SW	
		0.0				
		0.0	B1-129-SB-5			
				(4.6-5') SAND, Poorly Graded, medium grained, loose, brown, moist, no plasticity, cohesive	SP	
5				(5-6') SAND, Well Graded, medium to coarse grained with GRAVEL, loose, brown, moist then wet at 5.5', no plasticity, cohesive	SW	Wet at 5.5' bgs
	100	-				Boring terminated at 6' bgs due to encountering groundwater

Total Borehole Depth: 6' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-130-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 567495.55
Easting (US ft)	: 1456818.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-130-SB-1	(0-1.3') CONCRETE, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	GP/SP	
		41.3		(1.3-2.5') SAND, Poorly Graded, medium grained with little SLAG GRAVEL, loose, light brown, dry, no plasticity, no cohesion	SP	
		21.2		(2.5-5') SAND, Poorly Graded, very coarse grained, loose, tan with some white coating on grains, moist, no plasticity, no cohesion	SP	
	83	13.5				
		16.0				
5		-		(5-9.5') SANDY SILT, stiff, tan, moist then wet at 9', medium plasticity, cohesive	ML	
		-				
	40	-				
		32.3	B1-130-SB-9			Wet at 9' bgs
		32.2		(9.5-10') GRAVELLY CLAY, soft, black, wet, medium plasticity, cohesive	CL	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
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Boring ID: B1-131-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 567049.98
Easting (US ft)	: 1456851.42

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-131-SB-1	(0-4') SILT with "fill" GRAVEL and trace fine SAND, soft, brown, dry, no plasticity, no cohesion		
		-			ML	
	70	22.3				
		20.5	B1-131-SB-4			
				(4-8') BRICK, "fill" gravel-sized, loose, red and beige, dry then wet at very bottom of sleeve, no plasticity, no cohesion		Fill material
		20.2				
5		-			GP	
	33	16.9				Wet at 8' bgs
		-				Boring terminated at 8' bgs due to refusal and encountering groundwater

Total Borehole Depth: 8' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-132-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567826.95
Easting (US ft)	: 1457853.40

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-132-SB-1	(0-2') SILTY SAND, fine grained with trace "fill" GRAVEL, soft, brown, dry, no plasticity, no cohesion	SM	
1		10.6				
2				(2-2.3') CONCRETE, gravel-sized, loose, gray, dry, no plasticity, no cohesion	GP	
	85	17.2		(2.3-3.5') SANDY SILT grading to SILT, very stiff, beige, dry, no plasticity, cohesive	ML	
3		24.6		(3.5-7') SLAG with trace SAND, loose, gray, little green coloration at 7', moist then wet at 6.5', no plasticity, no cohesion		
4		23.2	B1-132-SB-5			
5		9.1			GP	
6	100					Wet at 6.5' bgs
		9.0				Boring terminated at 7' bgs due to refusal and encountering groundwater
7						

Total Borehole Depth: 7' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-133-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567756.98
Easting (US ft)	: 1457810.58

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-133-SB-1	(0-0.3') GRAVELLY SAND, medium grained, loose, brown, moist, no plasticity, no cohesion	SP	
				(0.3-5.5') SILTY SAND, fine to medium grained with trace metallic SLAG, loose, brown with red tinge, moist, no plasticity, no cohesion		
1		-				
2	70	7.8				
3		10.4			SM	
4		7.8	B1-133-SB-5			
5		-				
				(5.5-7') CONCRETE, gravel-sized, loose, beige, wet, no plasticity, no cohesion		
6	50				GP	Wet at 6' bgs
		-				Boring terminated at 7' bgs due to refusal and encountering groundwater
7						

Total Borehole Depth: 7' bgs.

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ARM Group Inc.
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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 50s, sunny
Northing (US ft)	: 567853.52
Easting (US ft)	: 1457797.30

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-134-SB-1	(0-0.8') SILT, soft, brown, moist, no plasticity, cohesive, trace roots	ML	Topsoil
		-		(0.8-2') SANDY SILT, soft, black, moist, no plasticity, no cohesion	ML	
	87	7.7		(2-2.8') CONCRETE "fill", gravel-sized, loose, beige, moist, no plasticity, no cohesion	GP	
		8.2		(2.8-4.2') SAND, Poorly Graded, coarse grained grading to medium grained with silt, loose, brown grading to black, moist, no plasticity, no cohesion	SP/SP-SM	
		12.2	B1-134-SB-5	(4.2-10') SLAG, gravel and sand-sized, loose, gray, moist then wet at 8', low plasticity, no cohesion	GP/SP	
5		-				
		-				
	80	-				Wet at 8' bgs
		7.0				
		7.1				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-135-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny
Northing (US ft)	: 567965.26
Easting (US ft)	: 1459039.46

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		21.8	B1-135-SB-1	(0-3.5') SILT with SAND, soft, brown, moist, no plasticity, cohesive	ML	
	100	25.3				
		25.6				
		-		(3.5-4.5') SILTY SAND, medium grained, loose, brown, slightly moist, no plasticity, no cohesion	SM	
	75					
		28.3	B1-135-SB-5	(4.5-5.5') SAND, Poorly Graded, medium grained with SILT, loose, gray, moist, no plasticity, no cohesion	SP-SM	
5		-		(5.5-6.5') SANDY GRAVEL, loose, gray, wet, no plasticity, no cohesion	GP	Wet at 6' bgs
		-		(6.5-7') SILTY CLAY with SAND, soft, gray, wet, medium plasticity, cohesive	CL	
				(7-7.5') SILT, soft, black, wet, slight plasticity, cohesive	ML	
	80	-		(7.5-9.5') SANDY CLAY, soft, gray with green tinge, wet, medium plasticity, cohesive	CL	
		-				
		-		(9.5-10') CLAYEY SAND, loose, beige and gray, wet, no plasticity, cohesive	SP-SC	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-136-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 70s, sunny
Northing (US ft)	: 568186.75
Easting (US ft)	: 1458448.56

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-136-SB-1	(0-0.3') FILL, gravel-sized, loose, gray, dry, no plasticity, no cohesion	GP	
				(0.3-3.5') SANDY GRAVEL, loose, black, dry, no plasticity, no cohesion		
		-			GP	
	60	8.5				
		0.0		(3.5-7') SAND, Poorly Graded, medium grained, loose, beige, moist, no plasticity, cohesive		
		0.0	B1-136-SB-5			
5					SP	
		-				
		-				
				(7-7.5') CLAY, hard, gray, moist, high plasticity, cohesive	CH	
	80	2.6		(7.5-8') SANDY CLAY, soft, tan and gray, moist, high plasticity, cohesive	CH	
				(8-10') SLAG, loose, gray, wet, no plasticity, no cohesion		Wet at 8' bgs
		-			GP	
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-137-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny
Northing (US ft)	: 567165.11
Easting (US ft)	: 1458378.55

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-137-SB-1	(0-0.7') Organic SILT, soft, brown, dry, no plasticity, no cohesion; grading down to SLAG, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	OL/GP	
				(0.7-4') SILT with SAND, very stiff, brown with orange mottling,dry, low plasticity, cohesive		
		27.3				
	95	24.4			ML	
		15.6				
			B1-137-SB-5	(4-4.5') SILTY SAND, fine grained with small gravel, loose, black, dry, no plasticity, no cohesion	SM	
		23.3		(4.5-8.5') SAND, Poorly Graded, very coarse grained, very loose, beige and gray, dry then moist at 6.5', no plasticity, no cohesion grading to cohesive		
5		-				
		-			SP	
	70	28.0				
		30.5				Pungent smell
				(8.5-10') SLAG, gravel and sand-sized with trace lenses of CLAY, loose, gray and beige, wet, no plasticity, no cohesion	GP/SP	Wet at 8.5' bgs
		28.8				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-138-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/29/2016
Weather	: 30s, sunny
Northing (US ft)	: 568436.03
Easting (US ft)	: 1458792.27

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-138-SB-1	(0-1') SILTY SAND, fine to medium grained with SLAG GRAVEL, very loose, dark brown, dry, no plasticity, no cohesion	SM	
		-		(1-6.8') SAND, Well Graded, medium grained with SILT and trace GRAVEL SLAG, loose, brown to light brown, dry, no plasticity, no cohesion, oxidation	SW-SM	
	50	42.3				
		179.4				
		60.8				
5		-				
		-				
			B1-138-SB-7.5	(6.8-9.3') SLAG, gravel and sand-sized with trace SILT and SAND at depth, loose, dark brown, moist then wet at 7.5', no plasticity, no cohesion	GP/SP	Wet at 7.5' bgs
	70	-				
		59.9				
		-		(9.3-9.8') CLAY with trace SAND, very soft, dark beige, wet, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-10') SAND, Poorly Graded, coarse grained, loose, beige, wet, no plasticity, cohesive	SP	
				End of boring		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-139-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/29/2016
Weather	: 30s, sunny
Northing (US ft)	: 568284.42
Easting (US ft)	: 1457354.06

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-139-SB-1	(0-4.5') SILT with SLAG GRAVEL, soft, brown, dry,no plasticity, no cohesion; grading down to SAND, Poorly Graded, medium grained with SLAG GRAVEL, loose, brown, moist, no plasticity, no cohesion	ML/SP	
		-				
	60	39.2				
		39.3				
		36.1	B1-139-SB-5			
5				(4.5-10') SLAG, gravel and sand-sized with SILT at depth, loose, gray grading to light gray/white, dry then moist at 7' and wet at 8.5', no plasticity, no cohesion	GP/SP	
		-				
		-				
	60	40.7				
		46.5				Wet at 8.5' bgs
		52.3				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-140-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 568646.39
Easting (US ft)	: 1456475.26

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		4.0	B1-140-SB-1	(0-0.5') SILT with Asphalt, gravel-sized, loose, black, dry, no plasticity, no cohesion	GP	
				(0.5-2') SLAG, gravel and sand-sized, loose, brown, dry, no plasticity, no cohesion	GP/SP	
		3.6				
	100	4.1		(2-5.5') SANDY SILT with GRAVEL in top foot, stiff, dark gray, dry, no plasticity, cohesive	ML	
		6.0				
		2.6	B1-140-SB-5			
5		4.5		(5.5-8') SAND with SLAG GRAVEL, loose, black, dry, no plasticity, no cohesion	SP/GP	
		6.4				
	90	5.7				Wet at 8' bgs
		6.6		(8-9') SANDY CLAY, soft, gray, wet, medium plasticity, cohesive	CL	
		3.9		(9-10') SAND with GRAVEL, loose, black, wet, no plasticity, no cohesion	SP/GP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-141-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 567119.49
Easting (US ft)	: 1456121.50

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-141-SB-1	(0-1.3') SLAG, gravel and sand-sized, some organic matter, loose, dark brown, dry, no plasticity, no cohesion	GP/SP	
		9.4		(1.3-2.6') SAND and trace GRAVEL, loose, tan, moist, no plasticity, no cohesion	SP	
	75	0.0		(2.6-4') SLAG, gravel-sized, loose, dark brown, wet, no plasticity, no cohesion	GP	Wet at 3' bgs
		0.0				Boring terminated at 4' bgs due to refusal and encountering groundwater
4						

Total Borehole Depth: 4' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-142-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 565532.25
Easting (US ft)	: 1456231.10

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		12.0	B1-142-SB-1	(0-2.5') SAND with SLAG GRAVEL, loose, dark brown and black, dry, no plasticity, no cohesion	SP/GP	
		6.8				
	90	7.1		(2.5-3') SAND, loose, tan, dry, no plasticity, no cohesion	SP	
		9.4		(3-4.5') SANDY SILT, stiff, gray/tan, moist, no plasticity, cohesive	ML	
		2.0	B1-142-SB-5	(4.5-5') CLAYEY SILT, hard, gray/tan, dry, low plasticity, cohesive	ML	
5		0.0		(5-6') CLAY, soft, gray, dry, high plasticity, cohesive	CH	
		4.5		(6-9.5') SILTY CLAY, stiff, gray and orange, dry, medium plasticity, cohesive	CL	
	100	5.1				
		0.0				
		0.0	B1-142-SB-10			
10		-		(9.5-11') SANDY CLAY, stiff, orange, dry, medium plasticity, cohesive	CL	
		-		(12-13.5') CLAY, soft, gray, dry, high plasticity, cohesive	CH	Wet at 13' bgs
	60	-				
		-		(13.5-15') SAND, loose, tan, wet, no plasticity, no cohesion	SP	
15		-				Boring terminated at 15' bgs due to encountering groundwater

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-143-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/14/2016
Weather	: 50s, cloudy
Northing (US ft)	: 565568.91
Easting (US ft)	: 1456794.53

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		4.5	B1-143-SB-1	(0-4.5') SLAG, gravel and sand-sized, loose, dark brown, dry then wet at 4.5', no plasticity, no cohesion		
1		4.5				
2	90	4.5			GP/SP	
3		5.8				
4		9.3	B1-143-SB-4.5			Wet at 4.5' bgs Boring terminated at 4.5' bgs due to and encountering groundwater
				End of boring		
5						

Total Borehole Depth: 4.5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-144-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 70s, sunny
Northing (US ft)	: 565951.07
Easting (US ft)	: 1458272.06

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.3') Organic SILT, soft, brown, dry, no plasticity, cohesive	ML	
		-	B1-144-SB-1	(0.3-6') GRAVELLY SAND, loose, brown, moist, no plasticity, no cohesion		
		0.0				
	60	0.0				
		0.0			SP	
		0.0	B1-144-SB-5			
5		0.0				
		-		(6-10') SANDY GRAVEL, loose, brown and gray, moist then wet at 8.5', no plasticity, no cohesion		
	60	0.0			GP	
		0.0				Wet at 8.5' bgs
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-145-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 40s, sunny
Northing (US ft)	: 566208.49
Easting (US ft)	: 1459148.31

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-145-SB-1	(0-4.5') SILT with trace fine grained SAND with SLAG GRAVEL, stiff, brown, moist, no plasticity, no cohesion	ML	
		-				
	60	25.7				
		27.5				
		34.4				
5				(4.5-5.5') CLAY with SILT, stiff, light gray and beige, dry, medium to high plasticity, cohesive	CL/CH	
		0.0		(5.5-8.5') CLAY with SILT, stiff, light gray with tan mottling, black streaks at depth, moist, medium plasticity, cohesive	CL	
		28.0				
	80	31.4	B1-145-SB-8.5			
		41.6		(8.5-10') SAND, Poorly Graded, coarse grained with SLAG GRAVEL, loose, black with orange oxidation, wet, no plasticity, no cohesion	SP/GP	Wet at 9.8' bgs
		33.5				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-146-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/9/2016
Weather	: 60s, sunny
Northing (US ft)	: 566443.89
Easting (US ft)	: 1457691.67

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		6.2	B1-146-SB-1	(0-0.5') SILT with trace SAND, loose, brown, dry, no plasticity, no cohesion	ML	
				(0.5-0.6') CONCRETE, gravel-sized, loose, gray, dry, no plasticity, no cohesion	GP	
				(0.6-1.1') SILT with trace SAND, loose, brown, dry, no plasticity, no cohesion	ML	
		4.6		(1.1-7') SAND, Well Graded, fine to medium grained grading to very coarse grained with trace gray and green SLAG, loose, beige and white, dry, no plasticity, no cohesion	SW/SP	
	92	4.4				
		4.1				
		4.6	B1-146-SB-5			
5		-				
		13.4				
				(7-8') SAND, Poorly Graded, very coarse grained, loose, beige, moist, no plasticity, cohesive	SP	
	90	19.7				Wet at 8' bgs
				(8-9') SILTY CLAY, very soft, olive-green/black, wet, high plasticity, cohesive	CH	
		7.9				
				(9-10') CLAY, hard, light gray, moist, high plasticity, cohesive	CH	Boring terminated at 10' bgs due to encountering groundwater
		9.2				
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-147-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 60s, sunny
Northing (US ft)	: 567709.21
Easting (US ft)	: 1457146.18

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-147-SB-1	(0-1') SILT, with fine grained SAND and SLAG GRAVEL, soft, light brown, dry, no plasticity, no cohesion	ML	
1		21.9		(1-2.5') SANDY SILT, soft, light brown and maroon, dry, no plasticity, no cohesion	ML	
2	80	26.0		(2.5-5') SILTY SAND, fine grained, loose, dark brown, dry, no plasticity, no cohesion	SM	
3		10.6				
4		21.7	B1-147-SB-5			
5		24.1		(5-6') SAND with SILT, Well Graded, medium to coarse grained, loose, dark brown, moist, no plasticity, no cohesion	SW-SM	
6	100			(6-7') SLAG, gravel and sand-sized, light gray, wet, no plasticity, no cohesion		Wet at 6' bgs
		26.2			GP/SP	Boring terminated at 7' bgs due to encountering groundwater
7				End of boring		

Total Borehole Depth: 7' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-148-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny
Northing (US ft)	: 567484.74
Easting (US ft)	: 1458809.51

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-2') SILT with SAND and small GRAVEL, soft, brown, dry, no plasticity, no cohesion		
		24.3	B1-148-SB-1			
1	100				ML	
		27.8				Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-149-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566684.38
Easting (US ft)	: 1456743.95

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-149-SB-1	(0-1') SILT with SAND with few large SLAG, soft, brown, no plasticity, cohesive, grass/small roots at surface	ML	
2	70	- 34.4		(1-3.5') SAND with SLAG GRAVEL, Well Graded, medium to coarse grained, loose, dark brown and orange, moist, no plasticity, no cohesion	SW	
4	100	65.1 103 -		(3.5-6') SLAG with medium to large GRAVEL with SAND, loose, brown, wet, no plasticity, no cohesion	GP	Wet at 4' bgs Boring terminated at 6' bgs due to refusal and encountering groundwater
6						

Total Borehole Depth: 6' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-150-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, sunny
Northing (US ft)	: 566369.95
Easting (US ft)	: 1456950.37

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	80	-	B1-150-SB-1	(0-0.5') SILT with SLAG GRAVEL and ASPHALT, soft, brown, dry, no plasticity, no cohesion	ML	
				(0.5-1.5') SLAG, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	GP/SP	
		2.6		(1.5-3.5') SAND with SLAG GRAVEL and lenses of CLAY, loose, brown, dry, no plasticity, no cohesion	SP	
		22.9				
		14.5		(3.5-6') SANDY CLAY, soft, light brown, moist, high plasticity, cohesive	CH	
		4.9				
5		-				
		-		(6-8') SAND, Poorly Graded, coarse grained, loose, tan, moist, no plasticity, no cohesion; grading to SANDY CLAY, soft, tan with light gray mottling, moist, high plasticity, cohesive	SP/CH	
	60	4.0	B1-150-SB-8			
				(8-8.3') COBBLES, loose, brown with dark mint-green coating, wet, no plasticity, no cohesion	N/A	Wet at 8' bgs
		31.8		(8.3-9.5') CLAY with trace SAND, very soft, gray and olive-green, wet, high plasticity, cohesive	CH	
		-		(9.5-10') SANDY SILT, soft, gray and olive-green, wet, high plasticity, cohesive	MH	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-151-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 60s, sunny, windy
Northing (US ft)	: 566969.85
Easting (US ft)	: 1457703.60

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-151-SB-1	(0-0.3') Organic SILT, soft, brown, dry, no plasticity, cohesive, small roots and tuffs of grass	ML	
				(0.3-2.5') SILT with BRICK and "fill" GRAVEL and trace SAND, soft, brown, dry, no plasticity, no cohesion	ML	
		0.0				
	97	0.0		(2.5-3.5') SILT with SAND, soft, black, moist, no plasticity, no cohesion	ML	
		0.0		(3.5-4.6') SAND, Poorly Graded, medium grained with QUARTZITE GRAVEL, loose, light brown, dry, no plasticity, no cohesion	SP	
		0.0	B1-151-SB-5			
5				(4.6-7.5') SAND, Well Graded, medium to coarse grained, loose, tan/beige, moist, no plasticity, no cohesion	SW	
		-				
		-				
	87	0.0		(7.5-10') SAND, Well Graded, coarse to very coarse grained, gray and beige with green tint at depth, loose, moist then wet at 8.5', loose, no plasticity, no cohesion	SW	Wet at 8.5' bgs
		0.0				
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-152-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 567219.17
Easting (US ft)	: 1458003.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-152-SB-1	(0-0.7') SLAG, gravel and sand-sized with trace organic soil at surface, loose, gray and brown, dry, no plasticity, no cohesion	GP/SP	
		248.8		(0.7-2.5') SILT with SAND and metallic shimmer and trace beige BRICK, black/dark brown, dry, soft, no plasticity, cohesive	ML	
	100	256.3		(2.5-6.5') SAND, Poorly Graded, medium grained with trace SILT, loose, dry then moist at depth, loose, no plasticity, no cohesion, oxidation at depth		
		354.7	B1-152-SB-4			
		235.7			SP	
5		-				
		-				
	50	-		(6.5-8.5') SLAG, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	GP/SP	
		-				Wet at 8.5' bgs
		-		(8.5-10') SAND, Poorly Graded, medium grained, loose, brown, wet, no plasticity, cohesive; grading to GRAVEL, Poorly Graded, small with coarse grained sand, loose, wet, no plasticity, no cohesion	SP/GP	
10						Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-153-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: S. Kabis
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/17/2016
Weather	: 70s, sunny
Northing (US ft)	: 568340.00
Easting (US ft)	: 1456331.00

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-153-SB-1	(0-0.4') Organic SILT, soft, dark brown, no plasticity, no cohesion	ML	Topsoil
				(0.4-1') SAND with GRAVEL SLAG, loose, black, dry, no plasticity, no cohesion	SP/GP	
		11.1		(1-6') SANDY SILT with large gray SLAG, stiff, tan, dry, low plasticity, cohesive	ML/GP	
	70	11.2				
		13.9				
		14.0	B1-153-SB-5			
5						
		-				
		-		(6-8') SANDY CLAY, soft, tan, dry, medium plasticity, cohesive	CL	
	60	10.2				
		9.3		(8-10') SLAG, gravel-sized, loose, gray, dry then wet at 9', no plasticity, no cohesion	GP	Wet at 9' bgs
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-154-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/11/2016
Weather	: 60s, cloudy
Northing (US ft)	: 565821.84
Easting (US ft)	: 1457715.19

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	80	-	B1-154-SB-1	(0-5.7') SAND, Well Graded, fine to medium grained with small slag gravel, loose, light grading to medium brown, dry, no plasticity, no cohesion	SW	
		-				
		5.0				
		9.3				
		15.0	B1-154-SB-5			
5		7.3				
				(5.7-7') SAND, Well Graded, medium to very coarse grained, loose, beige, dry, no plasticity, no cohesion	SW	
		7.2				
				(7-7.5') SAND, Well Graded, medium to coarse grained, dense, bluish-green, moist, no plasticity, cohesive	SW	
	100	5.4		(7.5-9.8') SAND, Poorly Graded, coarse grained, dense, beige, moist then wet at 9.5', no plasticity, no cohesion	SP	Wet at 9.5' bgs
		4.0				
		4.7				Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-10') SANDY CLAY, stiff, dark brown, wet, medium plasticity, cohesive	CL	
				End of boring		

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-155-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, sunny, windy
Northing (US ft)	: 567542.83
Easting (US ft)	: 1457425.56

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-155-SB-1	(0-0.5') SLAG, gravel-sized with trace SILT, loose, gray, dry, no plasticity, no cohesion	GP	
				(0.5-6') SAND, Well Graded, medium to coarse grained with trace coal and cinder ballast, loose, brown, dry, no plasticity, no cohesion		
		-				
	50	2.3				
3					SW	
		0.0				
		0.0	B1-155-SB-5			
		-				
6				(6-8') SLAG, gravel-sized, loose, gray and light olive, moist, no plasticity, no cohesion	GP	
		-				
	50	-				
				(8-9') SLAG, gravel and sand-sized, loose, light gray, wet, no plasticity, no cohesion	GP/SP	Wet at 8' bgs
		26.2				Boring terminated at 9' bgs due to refusal
9						

Total Borehole Depth: 9' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-156-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 50s, sunny
Northing (US ft)	: 566587.68
Easting (US ft)	: 1458384.64

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-156-SB-1	(0-0.2) Organic SILT with SAND and small grass roots, soft, brown, moist, cohesive	ML	
				(0.2-4') SANDY SILT with trace SAND at depth, soft, brown grading down to black, dry, no plasticity, no cohesion		
		34.7				
					ML	
	100	39.0				
		28.4				
				(4-5.5') SILTY CLAY, 3 in. layer of brick in center, firm, brown, moist, medium plasticity, cohesive		
		25.5			CL	
5						
		-		(5.5-8') SANDY CLAY with GRAVEL, soft, brown with orange mottling, moist, medium plasticity, cohesive		
		35.6	B1-156-SB-7		CL	
	80	36.6				
				(8-10') SANDY CLAY with GRAVEL, very soft, light gray and brown, wet, medium plasticity, cohesive		Wet at 8' bgs
		47.4				
					CL	
		47.8				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-157-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 60s, sunny
Northing (US ft)	: 568189.62
Easting (US ft)	: 1458081.34

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-157-SB-1	(0-3.5') SILT, soft, brown to dark brown, dry to slightly moist, no plasticity, no cohesion; grading to SAND, Poorly Graded, medium grained, loose, brown, dry to slightly moist, no plasticity, no cohesion	ML/SP	
		0.1				
	70	0.0				
		0.1		(3.5-10') GRAVELLY SAND, coarse grained, loose, pinkish-brown to brown and gray, moist then wet at 9.5', no plasticity, no cohesion		
		80.4				
5		-				
		105.1			SP	
	80	269.9	B1-157-SB-8			
		214.9				Wet at 9.5' bgs
		0.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-158-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/18/2016
Weather	: 60s, sunny, windy
Northing (US ft)	: 567726.11
Easting (US ft)	: 1458453.52

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-158-SB-1	(0-4.5') SANDY SILT, fine grained with SLAG GRAVEL, brown, moist, no plasticity, no cohesion		
		-				
	70	28.3			ML	
		27.4				
			B1-158-SB-4.5			
		26.8				Wet at 4.5' bgs
5				(4.5-5') SILTY GRAVEL, loose, gray, wet, no plasticity, no cohesion	GM	Boring terminated at 5' bgs due to encountering groundwater

Total Borehole Depth: 5' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-159-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 60s, sunny, windy
Northing (US ft)	: 567612.14
Easting (US ft)	: 1457866.14

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		0.0	B1-159-SB-1	(0-1.3') Organic SILT, soft, brown, moist, no plasticity, no cohesion	ML	
		0.0		(1.3-2') SAND, Poorly Graded, medium grained with BRICK GRAVEL, loose, brown, dry, no plasticity, no cohesion	SP	
	80	0.0		(2-3') SILT with orange BRICK GRAVEL, soft, dark red, moist, low plasticity, cohesive	ML	
3		0.0		(3-5') SAND, Poorly Graded, medium grained, loose, black and brown, moist, no plasticity, no cohesion	SP	
		0.0	B1-159-SB-5			
	100	-		(5-5.5') SANDY GRAVEL, loose, dark brown, moist, no plasticity, no cohesion	GP	Wet at 5.5' bgs
6				(5.5-6') CONCRETE, loose, gray, wet, no plasticity, no cohesion	GP	Boring terminated at 6' bgs due to refusal and encountering groundwater

Total Borehole Depth: 6' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-160-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 60s, sunny
Northing (US ft)	: 567657.05
Easting (US ft)	: 1457838.97

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-160-SB-1	(0-0.4') SANDY SILT with GRAVEL, soft, brown, moist, no plasticity, no cohesion	SM	Topsoil
		-		(0.4-2.5') SILTY SAND, fine grained, dense, black, moist, no plasticity, cohesive	SM	
2	82	7.9		(2.5-2.8') BRICK, loose, red, dry, no plasticity, no cohesion	GP	
		9.8		(2.8-5') SAND, Well Graded, medium to coarse grained with GRAVEL, loose, beige and brown, moist, no plasticity, no cohesion	SP	
4		6.1	B1-160-SB-5			
		7.5		(5-7') GRAVELLY SAND, very dense, brown and orange, moist, no plasticity, no cohesion, oxidation present	SP	
6		-				
	60	-		(7-12.5') CONCRETE, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	GP/SP	
8		7.2				
		7.9				
10		-				
	50	9.4				Wet at 12.5' bgs
12		12.5				Boring terminated at 13' bgs due to refusal and encountering groundwater
				(12.5-13') SANDY GRAVEL, loose, beige, wet, no plasticity, no cohesion	GP	
				End of boring		
14						

Total Borehole Depth: 13' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-161-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/16/2016
Weather	: 60s, sunny
Northing (US ft)	: 567608.15
Easting (US ft)	: 1457823.86

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-161-SB-1	(0-1.2') Organic SILT with trace SAND and GRAVEL, brown, soft, moist, no plasticity, no cohesion	ML	Topsoil
		7.0		(1.2-1.4') GRAVELLY SAND and "fill", loose, beige, dry, no plasticity, no cohesion	SP	
	80	0.0		(1.4-4') SILT, soft, dark brown, dry then wet at 3.5', no plasticity, no cohesion	ML	
		0.0				Wet at 3.5' bgs Sludge odor
		49.5		(4-6') CONCRETE, loose, gray, wet, loose, no plasticity, no cohesion	GP	
5		-				
		-		(6-8.5') SAND, Well Graded, medium to coarse grained with BRICK GRAVEL, loose, brown grading to black, moist, some oxidation	SW	
	70	8.9				
		9.3		(8.5-9.7') BRICK, loose, beige, dry, no plasticity, no cohesion	GP	
		10.1				Boring terminated at 10' bgs due to encountering groundwater
10				(9.7-10') SAND, Well Graded, medium to coarse grained with BRICK GRAVEL, brown grading to black, loose, moist, no plasticity, no cohesion, some oxidation	SW	

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-162-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, rainy
Northing (US ft)	: 566716.03
Easting (US ft)	: 1457385.09

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-162-SB-1	(0-1.5') SANDY SILT with SLAG GRAVEL, soft, brown, dry, no plasticity, no cohesion	ML	
		11.2		(1.5-2.5') SAND, Well Graded, fine to medium grained, loose, dark brown/black, dry, no plasticity, no cohesion	SW	
	90	13.0		(2.5-5.7') CLAYEY SAND, dense, light brown, moist, no plasticity, cohesive; grading to SANDY CLAY with SLAG GRAVEL, stiff, light brown, moist, high plasticity, cohesive	SP-SC	
		24.4	B1-162-SB-4			
		12.4				
5		-				
		1.2		(5.7-8.2') CLAY with trace SAND, soft, dark beige, moist, high plasticity, cohesive	CH	
	87	26.3				
		-		(8.2-9.5') SANDY CLAY, very soft, brown, wet, high plasticity, cohesive	CH	Wet at 8.2' bgs
		-		(9.5-10') ROCK, gravel-sized with SILT, loose, black, wet, no plasticity, no cohesion	GP-GM	Boring terminated at 10' bgs due to encountering groundwater
10				End of boring		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-163-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, cloudy, drizzle
Northing (US ft)	: 566632.18
Easting (US ft)	: 1457346.00

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-163-SB-1	(0-1.2') SILT with fine grained SAND, soft, brown, dry but moist in top 3 in., no plasticity, no cohesion	ML	
		0.7		(1.2-3.8') SLAG, loose, gray, dry, no plasticity, no cohesion	GP	
	70	24.3				
		6.2	B1-163-SB-4			
				(3.8-4') SILT with metallic ROCK GRAVEL, soft, dark brown/black, dry, no plasticity, no cohesion	ML	
		0.0		(4-6') BRICK, gravel and sand-sized, loose, beige and light gray, dry, no plasticity, no cohesion	GP/SP	
5		-				
		1.4		(6-8') SILT, soft, brown, moist, no plasticity, cohesive; grading to GRAVELLY SAND, coarse grained, loose, brown and orange, moist, no plasticity, no cohesion	ML/SP	
	70	3.9				
				(8-8.3') BRICK, loose, beige, dry, no plasticity, no cohesion	GP	
		1.6		(8.3-9.8') CLAY, soft, beige, moist, high plasticity, cohesive	CH	Wet at 10' bgs
		0.8	B1-163-SB-10			Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-10') SANDY CLAY, soft, beige, moist then wet at very bottom, medium plasticity, cohesive	CL	
				End of boring		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-164-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/28/2016
Weather	: 50s, cloudy, drizzle
Northing (US ft)	: 566641.88
Easting (US ft)	: 1457434.36

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-164-SB-1	(0-0.7') GRAVELLY SAND, fine to medium grained, loose, brown, moist, no plasticity, no cohesion	SW	
		0.4		(0.7-2.5') SLAG, trace sand-sized, loose, gray, dry, no plasticity, no cohesion	GP	
	70	1.8		(2.5-6') SILT with fine grained SAND, soft, light brown grading to dark brown, dry, no plasticity, no cohesion	ML	
		8.5	B1-164-SB-4			
		0.5				
5		-				
		-		(6-9') SILT with medium grained SAND, soft, brown, dry, no plasticity, no cohesion	ML	
	60	0.7				
		0.7				
		1.3		(9-10') SILTY SAND, loose, brown, wet, no plasticity, cohesive	SM	Wet at 9' bgs Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-165-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 60s, sunny
Northing (US ft)	: 566359.36
Easting (US ft)	: 1457995.57

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-165-SB-1	(0-0.5') GRAVEL, loose, light gray, dry, no plasticity, no cohesion	GP	
				(0.5-1.3') SILTY SAND, fine grained, very loose, dark brown with metallic specks, dry, no plasticity, no cohesion	SM	
		-		(1.3-7') SAND, Poorly Graded, very fine grained, white, dry, finellow and pale white, dry, loose, no plasticity, no cohesion	SP	
	30	-				
		0.9				
		1.6				
5		-				
		-				
		-		(7-9') SAND, Well Graded, medium to coarse grained, loose, brown, moist, no plasticity, no cohesion	SW	
	30	-				
		0.0				
			B1-165-SB-9.5			Wet at 9.7' bgs
		13.8		(9-9.7') SAND, Poorly Graded, medium grained, loose, tan, moist, no plasticity, no cohesion; grading to SANDY GRAVEL, loose, gray, moist, no plasticity, no cohesion	SP/GP	Boring terminated at 10' bgs due to encountering groundwater
10				(9.7-10') SANDY SILT, soft, gray, wet, medium plasticity, cohesive	ML	
				End of boring		

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-166-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 60s, sunny
Northing (US ft)	: 566294.95
Easting (US ft)	: 1457972.03

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-4') CONCRETE, loose, beige, dry, no plasticity, no cohesion *(Not recovered, but visible from surface)		Roller bit used
		-			GP	
	0	-				
		-				
		-				
5		-		(4-9.7') SAND, Poorly Graded, coarse to very coarse grained, loose, beige, moist, no plasticity, no cohesion		
		-				
		-			SP	
	40	-				
		0.0				Wet at 10' bgs
		0.2	B1-166-SB-9			Boring terminated at 10' bgs due to encountering groundwater
10				(9.7-10') SANDY CLAY, soft, gray-brown, very moist then wet at very bottom, high plasticity, cohesive	CH	
				End of boring		

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-167-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/10/2016
Weather	: 60s, sunny
Northing (US ft)	: 566301.47
Easting (US ft)	: 1458028.74

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-167-SB-1	(0-0.2') Topsoil, soft, dark brown, grass roots present, moist, soft, low cohesion, no plasticity	OL	
				(0.2-1') SILTY SAND, brown, moist, loose, low cohesion, no plasticity	SM	
		0.0		(1-4') SANDY SILT, tan, with gravel, moist, stiff, med cohesion, low plasticity	ML	
	90	0.0				
		1.9				
		2.8	B1-167-SB-5	(4-4.5') SILTY SAND, black, fine grained, moist, loose, low cohesion, no plasticity	SM	
5				(4.5-5.5') SAND, Poorly Graded, beige, coarse grained, dry, loose, no cohesion, no plasticity	SP	
		-				
		2.9		(6.5-7.5') SAND, Poorly Graded, beige, coarse to very coarse grained, moist, loose, no cohesion, no plasticity	SP	
	80	3.7		(7.5-8.5') SILTY SAND, mint-green, coarse grained, moist, dense, low cohesion, no plasticity	SM	
		3.9		(8.5-9') SAND, Poorly Graded, brown, coarse grained to very coarse grained, moist, loose, low cohesion, no plasticity	SP	Wet at 9.5' bgs
				(9-9.5') CONCRETE, gray, gravel-sized, wet, loose, no cohesion, no plasticity	GP	
		7.2		(9.5-10') SANDY CLAY, beige, with gray rock gravel, wet, soft, high cohesion, low plasticity	CL	Boring terminated at 10' bgs due to encountering groundwater
10				End of boring		

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-168-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567564.80
Easting (US ft)	: 1456293.03

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	100	-	B1-168-SB-1	(0-5.5') GRAVELLY SAND, loose, brown, dry, no plasticity, no cohesion	SP	
		-				
		-				
		0.6				
		4.3	B1-168-SB-5			
5		-				
		-		(5.5-8') SAND, Well Graded, medium to coarse grained, loose, black and brown, moist, no plasticity, no cohesion	SW	
	80	0.0				
		0.1		(8-10') SANDY CLAY, very soft in top 3 in. then soft to stiff, gray and tan mottling, wet in top 3 in. then moist at depth, high plasticity, cohesive	CH	Wet at 8' bgs
		0.3				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-169-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567497.36
Easting (US ft)	: 1456259.89

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-169-SB-1	(0-0.2') Organic SILT, soft, brown, moist, no plasticity, cohesive	ML	Topsoil
				(0.2-3.5') SAND, Well Graded, fine to medium grained with trace SILT and SLAG GRAVEL, loose, brown to dark brown, dry, no plasticity, no cohesion	SW	
		5.4				
	80	50.9				
		20.5		(3.5-5') GRAVELLY SAND, medium to coarse grained, loose, black-brown, moist, no plasticity, no cohesion	SW	
		1.8	B1-169-SB-5			
5				(5-6') SANDY CLAY, soft, tan, very moist, medium plasticity, cohesive	CL	
		2.3				
		0.0		(6-7') GRAVEL with trace SAND, Poorly Graded, loose, gray, moist, no plasticity, no cohesion	GP	
				(7-8') SAND, Poorly Graded, medium grained, loose, tan, wet, no plasticity, cohesive	SP	Wet at 7' bgs
	100	0.0				
		0.0		(8-10') CLAY with SAND, very stiff, gray and tan, moist, medium plasticity, cohesive	CL	
		2.3				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-170-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/15/2016
Weather	: 40s, cloudy
Northing (US ft)	: 567506.67
Easting (US ft)	: 1456333.91

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-170-SB-1	(0-0.5') CONCRETE, gravel and sand-sized, loose, beige, dry, no plasticity, no cohesion	GP/SP	
	67	0.8		(0.5-5.5') SLAG, gravel and sand-sized, loose, brown-black, dry, no plasticity, no cohesion	GP/SP	
5		-				Not enough volume for 5-6' sample (macreocore)
	29	-		(5.5-9') CONCRETE, gravel and sand-sized, loose, gray, dry, no plasticity, no cohesion	GP/SP	
		112.3		(9-11') SAND, Poorly Graded, fine grained, loose, black, moist, no plasticity, no cohesion, some oxidation	SP	Not enough volume for 9-10' sample (macrocore)
10		-		(11-13') CLAY with trace SAND, very soft, dark brown, wet, medium plasticity, cohesive	CL	Wet at 12' bgs
	60	-				
		14.3		(13-15') CLAY, soft, light gray and beige, moist, medium plasticity, cohesive	CL	
15		9.5				Boring terminated at 15' bgs due to encountering groundwater

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-171-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, sunny
Northing (US ft)	: 567368.83
Easting (US ft)	: 1457093.87

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.5') ASPHALT, loose, dark brown/black, dry, no plasticity, no cohesion, brittle		
		10.7	B1-171-SB-1	(0.5-1.5') SAND, Well Graded, medium to coarse grained with trace SILT, loose, brown and beige, dry, no plasticity, no cohesion	SW	
1	100	3.6		(1.5-2') SLAG, gravel and sand-sized, loose, gray and brown, dry, no plasticity, no cohesion	GP/SP	Boring terminated at 2' bgs due to refusal
2						

Total Borehole Depth: 2' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-172-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: GSI, Allied
Driller	: Don Marchese, Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016,3/13/2017
Weather	: 20s, sunny
Northing (US ft)	: 567297.64
Easting (US ft)	: 1457065.04

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
1		-	B1-172-SB-1	(0-1') Non-native SAND with few GRAVEL and SILT, medium dense, brown, dry, no plasticity, no cohesion	SW-SM	
2	60	- 0.5		(1-3.5') SANDY SILT, soft, brown, moist, low plasticity, cohesive	ML	
3		46.1	B1-172-SB-4			Sheen and oil-like odor 3.3-4' bgs
4		0.0		(3.5-9') SILTY SAND, loose to medium dense, brown to very dark brown, wet, no plasticity, no cohesion	SW	
5		-				
6		-				
7	40	-				
8		0.0				
9		1.3	B1-172-SB-10	(9-12.8') Non-native SAND with SLAG and BRICK GRAVEL, medium dense, brown and light gray, dry to moist, no plasticity, no cohesion	SW/GW	
10		-				
11		-				
12	44	-				Light to trace, brown product 12.8-13.2' bgs
13		0.0		(12.8-13.2') SILTY SAND, medium dense, dark greenish gray and brown, wet, no plasticity, no cohesion	SM SW/GW	Wet at 13' bgs
14		0.0		(13.2-13.5') FILL, sand and gravel-sized, medium dense, white and green, dry, no plasticity, no cohesion	SW-SM	Light product 13.5-14.8' bgs
15		-		(13.5-14.8') SLAG or BRICK, SAND to SILT-sized, medium dense to dense, brown and greenish gray, wet, no plasticity, no cohesion	ML SW/GW	Light sheen 15.5-16' bgs
16		-		(14.8-15') SILT, hard, grayish brown and brown, dry to moist, low plasticity, cohesive		
17	100	-		(15-16.2') SANDY GRAVEL, loose, dark brown, wet, no plasticity, no cohesion	CL	
18		-		(16.2-17.9') CLAY, hard, very pale brown with little reddish yellow mottling, dry, low plasticity, cohesive		
19		-		(18.2-20') CLAY, hard, very pale brown with little reddish yellow mottling, dry, low plasticity, cohesive	CL	
20						

Total Borehole Depth: 20' bgs.
Terminated at 20' bgs due to water and piezometer installation.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-173-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, sunny
Northing (US ft)	: 567302.26
Easting (US ft)	: 1457135.50

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-173-SB-1	(0-2') SANDY GRAVEL, loose, gray-brown, dry, no plasticity, no cohesion	GP	
		12.4		(2-3') SAND, Poorly Graded, very coarse grained, dense, beige and light beige, moist, no plasticity, cohesive	SP	
	83	9.3				
		13.5		(3-6') SAND, Poorly Graded, very coarse grained, very dense, beige, moist, no plasticity, cohesive	SP	
		10.7				
5		-				
		-		(6-9.5') SAND, Well Graded, medium to coarse grained with BRICK GRAVEL and SILT that increases with depth, loose, beige grading to tan, moist, no plasticity, no cohesion	SW-SM	
	60	24.2	B1-173-SB-8			
		16.6				Wet at 9.5' bgs
		16.2		(9.5-9.8') SANDY GRAVEL with SILT, loose, tan, wet, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-10') SILTY CLAY, soft, tan, wet, soft, high plasticity, cohesive	CH	

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-174-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 50s, sunny
Northing (US ft)	: 567917.21
Easting (US ft)	: 1457330.70

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.1') ASPHALT, gravel-sized, loose, black/gray, dry, no plasticity, no cohesion		
		-	B1-174-SB-1	(0.1-2') SILT with fine SAND and small SLAG GRAVEL, soft, light brown, dry, no plasticity, no cohesion	ML	
		39.1				
2				(2-3') CLAYEY SILT, hard, tan, dry, medium plasticity, cohesive, trace oxidation		
	77	36.9			ML	
				(3-5') SILTY SAND, fine to medium grained with glossy black GRAVEL at depth, loose, dark brown, dry, no plasticity, no cohesion		
		23.7	B1-174-SB-4			
4					SM	Wet at 4.5' bgs
		9.8				
				(5-6') SANDY SILT with SLAG GRAVEL, stiff, brown, wet, no plasticity, no cohesion		
	100	9.1			ML	Boring terminated at 6' bgs due to refusal and encountering groundwater
6						

Total Borehole Depth: 6' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-175-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 565627.22
Easting (US ft)	: 1458460.05

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-175-SB-1	(0-1') CONCRETE, gravel and sand-sized with brown SAND, loose, light and dark gray, dry, no plasticity, no cohesion	GP/SP	
		-		(1-6') SLAG, loose, gray, dry, no plasticity, no cohesion		
	60	35.9				
		27.4			GP	
		28.3				
5		-				
		-		(6-7.5') SAND, Well Graded, fine to coarse grained, loose, beige-brown, dry, no plasticity, no cohesion		
			B1-175-SB-7.5		SW	
	70	33.4		(7.5-9') CLAY with small GRAVEL, stiff, light gray and dark brown, wet, high plasticity, cohesive		Wet at 7.5' bgs
		-			CH	
				(9-10') GRAVELLY CLAY, soft, dark gray, wet, medium plasticity, cohesive		
		-			CL	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-176-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 565602.22
Easting (US ft)	: 1458402.83

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-176-SB-1	(0-1.5') CONCRETE, gravel and sand-sized, loose, beige, dry, no plasticity, no cohesion	GP/SP	
		76.2		(1.5-4') SAND, Poorly Graded, medium grained with SLAG GRAVEL, loose, beige grading to brown, dry, no plasticity, no cohesion	SP	
	80	48.4				
		52.3	B1-176-SB-4			
		32.6		(4-4.5') CONCRETE, loose, light gray, dry, low plasticity, no cohesion	GP	
				(4.5-5') SAND, Poorly Graded, medium grained with SLAG GRAVEL, loose, beige grading to brown, dry, no plasticity, no cohesion	SP	
5				(5-5.5') SAND, Poorly Graded, very coarse grained, loose, tan, moist, no plasticity, no cohesion	SP	Wet at 5.5' bgs
		-		(5.5-7') GRAVEL with SAND and very small, Poorly Graded, loose, dark brown, wet, no plasticity, no cohesion	GP	
		-				
				(7-8.5') CLAY, very soft, gray grading to dark beige, wet, high plasticity, cohesive	CH	
	100	32.5				
		35.5		(8.5-10') CLAY, stiff, dark beige and light gray, dry, high plasticity, cohesive	CH	
10		32.4				Boring terminated at 10' bgs due to encountering groundwater

Total Borehole Depth: 10' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-177-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/22/2016
Weather	: 50s, sunny
Northing (US ft)	: 566808.76
Easting (US ft)	: 1458054.47

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-177-SB-1	(0-1.5') SANDY SILT, GRAVEL SLAG at surface, loose, brown with reddish yellow staining, slightly moist, dry, no plasticity, no cohesion	ML	
		-		(1.5-4') SAND, Poorly Graded, coarse grained with small GRAVEL, loose, black, metallic shimmer, dry, no plasticity, no cohesion	SP	
	70	30.1				
		30.8				
		1,184.9	B1-177-SB-5	(4-6') SAND, Poorly Graded, coarse to very coarse grained, loose, light brown, dry, no plasticity, no cohesion	SP	
5		-				
		-		(6-10') SAND, Poorly Graded, very coarse grained with very small GRAVEL, loose, tan grading to light beige, dry then wet at 9', no plasticity, no cohesion, wood fragments at depth	SP	
	50	-				
		31.3				Wet at 9' bgs
		51.0				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-178-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Ali Berenbrok-Niblett
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 567518.56
Easting (US ft)	: 1456569.02

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-	B1-178-SB-1	(0-1') SILT, soft, brown, moist, no plasticity, cohesive, trace oxidation	ML	
1				(1-2.3') CONCRETE, loose, gray, gravel -sized, dry, no plasticity, no cohesion	GP	
		8.9				
2						
	71	7.3		(2.3-3.5') SILT, soft, black, very moist, low plasticity, cohesive	ML	Oil-like odor, sticky soft black product throughout, oil sheen
3						Boring terminated at 3.5 bgs due to refusal
				End of boring		
4						

Total Borehole Depth: 3.5' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-179-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566920.54
Easting (US ft)	: 1456665.74

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-179-SB-1	(0-6.5') SILT with GRAVEL SLAG and trace SAND, soft, brown, dry, no plasticity, no cohesion; grading to SANDY SILT, soft, brown, dry, no plasticity, cohesive	ML	
		-				
	40	-				
		33.1				
		31.2				
5		-				
		-		(6.5-9.5') SILT with SAND and trace SLAG GRAVEL, soft, dark brown to brown, dry then wet at 9', no plasticity, cohesive with depth, trace oxidation and chunks of wood at depth		
	70	71.5			ML	
		86.5	B1-179-SB-9			Wet at 9' bgs
		54.1		(9.5-9.8') CONCRETE, gravel-sized, loose, gray, dry, no plasticity, no cohesion	GP	Boring terminated at 10' bgs due to encountering groundwater
10				(9.8-10') SANDY SILT, stiff, gray, wet, no plasticity, no cohesion	ML	

Total Borehole Depth: 10' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-180-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/23/2016
Weather	: 50s, cloudy
Northing (US ft)	: 566954.26
Easting (US ft)	: 1457109.88

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.3') Organic SILT, soft, brown, dry, no plasticity, no cohesion	ML	
		141.7	B1-180-SB-1	(0.3-1') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP	
1				(1-1.5') SILTY SAND, very fine grained, very loose, tan, dry, no plasticity, no cohesion	SM	
	100	33.5		(1.5-2.5') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP	Wet at 2' bgs
2				End of boring		Boring terminated at 2.5 bgs due to refusal
3						

Total Borehole Depth: 2.5' bgs.

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ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-181-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/24/2016
Weather	: 70s, sunny
Northing (US ft)	: 567486.24
Easting (US ft)	: 1457022.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	50	-	B1-181-SB-1	(0-0.5') SILT with SLAG GRAVEL, soft, light brown, dry, no plasticity, no cohesion	ML	
		8.6		(0.5-2.5') SLAG, gravel-sized with SILT, loose, gray, dry, no plasticity, no cohesion	GP	
		10.1		(2.5-6') SILT with trace SAND, soft, brown, moist, no plasticity, no cohesion	ML	
		6.2				
		-				
5		-				
		-		(6-8') SAND, Poorly Graded, very coarse grained, dense, beige and brown, moist, no plasticity, cohesive	SP	
	50	16.6	B1-181-SB-8			Wet at 8' bgs
		6.3		(8-9.5') SAND, Poorly Graded, coarse grained with few small alternating layers of dark brown SILT, dense, light beige, wet, no plasticity, no cohesion	SP	
		25.3		(9.5-10') GRAVELLY SAND, coarse grained with SLAG GRAVEL, loose, light beige, wet, no plasticity, cohesive	SP	Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

07-11-2019 P:\EnviroAnalytics Group\150300M EAG_Sparrows Point Area B\Documents\Parcel B1\Boring Logs\2_Bor Logs\B1-181-SB.bor

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-182-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 567433.90
Easting (US ft)	: 1457225.48

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-182-SB-1	(0-0.7') CONCRETE, gravel and sand-sized, loose, beige, dry, no plasticity, no cohesion	GP/SP	
		9.9		(0.7-3.5') SAND, Poorly Graded, light brown, fine grained with SLAG GRAVEL, loose, light brown, dry, no plasticity, no cohesion	SP	
	60	16.1				
		12.8		(3.5-4.8') CONCRETE, loose, gray, dry, no plasticity, no cohesion	GP	
		-				
5		-		(4.8-5.7') SILT, hard, dark brown, dry, no plasticity, cohesive	ML	
		13.5		(5.7-7.5') SILT with fine grained SAND, soft, brown to dark brown, dry, no plasticity, no cohesion	ML	
	87	16.0	B1-182-SB-8	(7.5-11') SANDY SILT with very small glossy gravel-sized black ROCK and few large SLAG GRAVEL, loose, dry, no plasticity, no cohesion, trace oxidation	ML	
		14.3				
		14.6	B1-182-SB-10			
10		-				
		-		(11-13') SANDY CLAY with SILT, very soft, gray-brown, wet, medium plasticity, cohesive	CL	Wet at 12' bgs
	60	-				
		-		(13-15') CLAY with trace SAND, very soft, tan, wet, high plasticity, cohesive	CL	
		-				Boring terminated at 15' bgs due to encountering groundwater
15						

Total Borehole Depth: 15' bgs.

ARM Group Inc.
Earth Resource Engineers and Consultants

Boring ID: B1-183-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-1-3
Project Description	: Sparrows Point - Parcel B1
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 3/25/2016
Weather	: 60s, cloudy
Northing (US ft)	: 566919.40
Easting (US ft)	: 1457284.79

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	B1-183-SB-1	(0-0.5') CONCRETE, sand-sized, loose, light gray, dry, no plasticity, no cohesion	SP	
				(0.5-3') GRAVELLY SAND, loose, light gray and brown, dry, no plasticity, no cohesion		
		10.0			SP	
	70	2.1				
				(3-6') SANDY SILT with small lenses of CLAY, soft, brown, dry, no plasticity, no cohesion		
		1.9				
		-			ML	
5		-				
		-		(6-8.5') SILT with SAND, soft, brown, dry, no plasticity, no cohesion		
		-			ML	
	60	36.3	B1-183-SB-8.5			
		9.5		(8.5-8.7') CLAY, soft, tan, moist, medium plasticity, cohesive	CL	
				(8.7-9.5') SANDY GRAVEL with SILT at depth, loose, brown with mint-green areas, dry then moist at 9' and wet at 9.5', no plasticity, no cohesion	GP	Wet at 9.5' bgs
		-				Boring terminated at 10' bgs due to encountering groundwater
10						

Total Borehole Depth: 10' bgs.

APPENDIX C

PID CALIBRATION LOG

PROJECT NAME: Area B, Parcel B1 Phase II	SAMPLER NAME: L. Perrin & L. Glumac	
PROJECT NUMBER: 150300M-1-4	DATE: March 7, 2016	PAGE 1 of 1

DATE/TIME	SAMPLER INITIALS	PID SERIAL #	FRESH AIR CAL	STANDARD	STANDARD CONCENTRATION	METER READING	COMMENTS
3/7/2016 9:31	LLP	592-902091	0.0	Isobutylene	100 ppm	100.1 ppm	-
3/8/2016 9:01	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	-
3/8/2016 13:25	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	recal
3/9/2016 7:54	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	-
3/10/2016 8:10	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	-
3/11/2016 8:20	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	-
3/14/2016 7:56	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	-
3/15/2016 8:06	LLP	592-902091	0.0	Isobutylene	100 ppm	99.8 ppm	-
3/15/2016 9:10	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	recal
3/16/2016 8:19	LLP	592-902091	0.1	Isobutylene	100 ppm	100.0 ppm	-
3/17/2016 0808	LMG	592-902091	0.0	Isobutylene	100 ppm	100.1 ppm	-
3/18/2016 7:15	LLP	592-902091	0.0	Isobutylene	100 ppm	99.1 ppm	-
3/21/2016 8:17	LLP	592-902091	0.0	Isobutylene	100 ppm	100.1 ppm	-
3/21/2016 10:00	LLP	592-902091	0.0	Isobutylene	100 ppm	100.0 ppm	recal
3/21/2016 11:13	LLP	592-902091	0.0	Isobutylene	100 ppm	100.3 ppm	recal
3/23/2016 8:05	LLP	592-902091	0.0	Isobutylene	100 ppm	101.9 ppm	-
3/24/2016 8:15	LLP	592-902091	0.0	Isobutylene	100 ppm	97.2 ppm	-
3/25/2016 8:00	LLP	592-902091	0.1	Isobutylene	100 ppm	100.0 ppm	-
3/25/2016 11:55	LLP	592-902091	0.0	Isobutylene	100 ppm	-	rezeroed
3/28/2016 8:19	LLP	592-902091	0.0	Isobutylene	100 ppm	98.5 ppm	-
3/29/2016 8:17	LLP	592-902091	0.0	Isobutylene	100 ppm	98.4 ppm	-
				Isobutylene	100 ppm		
				Isobutylene	100 ppm		

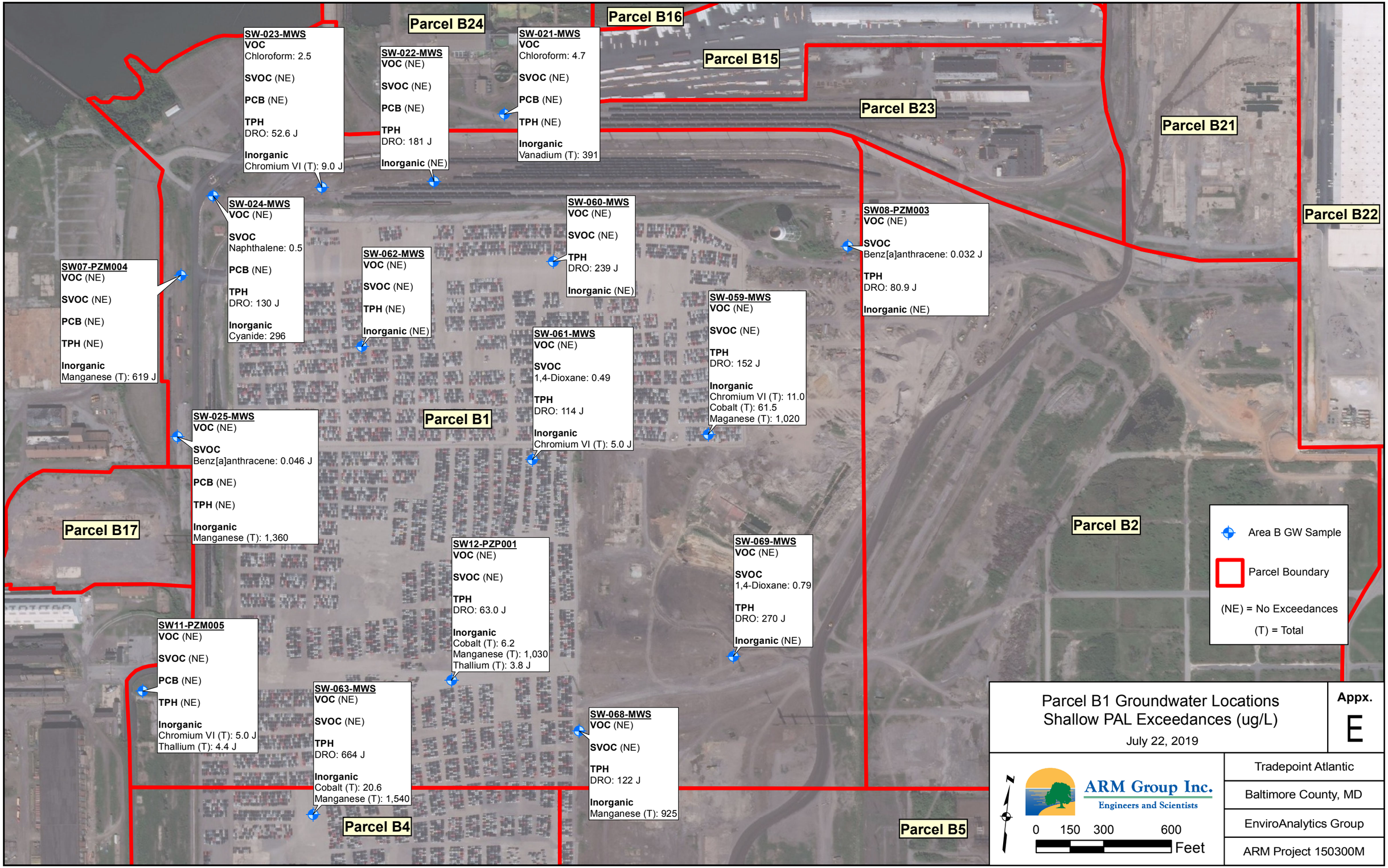
APPENDIX D

EnviroAnalytics Group

Parcel B1 - IDW Drum Log
Phase II Investigation

Drum ID	Designation	Activity/Phase	Contents	Open Date
341-PPE-3/8/16-B1	Non-haz.	Parcel B1	PPE	3/8/2016
344-Soil-3/10/16-B1	Non-haz.	Parcel B1	Soil	3/10/2016
345-Liners-3/10/16-B1	Non-haz.	Parcel B1	Liners	3/10/2016
346-Soil-3/11/16-B1	Non-haz.	Parcel B1	Soil	3/11/2016
347-Liners-3/11/16-B1	Non-haz.	Parcel B1	Liners	3/11/2016
348-Soil-3/14/16-B1	Non-haz.	Parcel B1	Soil	3/14/2016
349-PPE-3/15/16	Non-haz.	Parcel B1	PPE	3/15/2016
350-Liners-3/15/16	Non-haz.	Parcel B1	Liners	3/15/2016
351-Soil-3/16/16-B1	Non-haz.	Parcel B1	Soil	3/16/2016
391-Soil-3/22/16-B1	Non-haz.	Parcel B1	Soil	3/22/2016
392-Soil-3/21/16-B1	Non-haz.	Parcel B1	Soil	3/21/2016
393-PPE-3/22/16-B1	Non-haz.	Parcel B1	PPE	3/22/2016
394-Liners-3/22/16-B1	Non-haz.	Parcel B1	Liners	3/22/2016

APPENDIX E


Parcel B24
Parcel B16
Parcel B15
Parcel B23
Parcel B21
Parcel B22
Parcel B1
Parcel B17
Parcel B2
Parcel B4
Parcel B5
SW-023-MWS
VOC
Chloroform: 2.5
SVOC (NE)
PCB (NE)
TPH
DRO: 52.6 J
Inorganic
Chromium VI (T): 9.0 J
SW-022-MWS
VOC (NE)
SVOC (NE)
PCB (NE)
TPH
DRO: 181 J
Inorganic (NE)
SW-021-MWS
VOC
Chloroform: 4.7
SVOC (NE)
PCB (NE)
TPH (NE)
Inorganic
Vanadium (T): 391
SW-024-MWS
VOC (NE)
SVOC
Naphthalene: 0.5
PCB (NE)
TPH
DRO: 130 J
Inorganic
Cyanide: 296
SW-060-MWS
VOC (NE)
SVOC (NE)
TPH
DRO: 239 J
Inorganic (NE)
SW08-PZM003
VOC (NE)
SVOC
Benz[a]anthracene: 0.032 J
TPH
DRO: 80.9 J
Inorganic (NE)
SW07-PZM004
VOC (NE)
SVOC (NE)
PCB (NE)
TPH (NE)
Inorganic
Manganese (T): 619 J
SW-062-MWS
VOC (NE)
SVOC (NE)
TPH (NE)
Inorganic (NE)
SW-061-MWS
VOC (NE)
SVOC
1,4-Dioxane: 0.49
TPH
DRO: 114 J
Inorganic
Chromium VI (T): 5.0 J
SW-059-MWS
VOC (NE)
SVOC (NE)
TPH
DRO: 152 J
Inorganic
Chromium VI (T): 11.0
Cobalt (T): 61.5
Maganese (T): 1,020
SW-025-MWS
VOC (NE)
SVOC
Benz[a]anthracene: 0.046 J
PCB (NE)
TPH (NE)
Inorganic
Manganese (T): 1,360
SW12-PZP001
VOC (NE)
SVOC (NE)
TPH
DRO: 63.0 J
Inorganic
Cobalt (T): 6.2
Manganese (T): 1,030
Thallium (T): 3.8 J
SW-069-MWS
VOC (NE)
SVOC
1,4-Dioxane: 0.79
TPH
DRO: 270 J
Inorganic (NE)
SW11-PZM005
VOC (NE)
SVOC (NE)
PCB (NE)
TPH (NE)
Inorganic
Chromium VI (T): 5.0 J
Thallium (T): 4.4 J
SW-063-MWS
VOC (NE)
SVOC (NE)
TPH
DRO: 664 J
Inorganic
Cobalt (T): 20.6
Manganese (T): 1,540
SW-068-MWS
VOC (NE)
SVOC (NE)
TPH
DRO: 122 J
Inorganic
Manganese (T): 925
Area B GW Sample
Parcel Boundary
(NE) = No Exceedances
(T) = Total
Parcel B1 Groundwater Locations
Shallow PAL Exceedances (ug/L)
July 22, 2019
Appx.
E
ARM Group Inc.
Engineers and Scientists
0 150 300 600
Feet
Tradepoint Atlantic
Baltimore County, MD
EnviroAnalytics Group
ARM Project 150300M

APPENDIX F

QA/QC Tracking Log

Date:		Sample IDs	
3/7/2016	1)	B1-033-SB-1	
	2)	B1-033-SB-4	
	3)	B1-034-SB-1	
	4)	B1-034-SB-4	
	5)	B1-114-SB-1	Duplicate: B1-033-SB-4
	6)		Date: 3/7/2016
	7)	B1-111-SB-1	MS/MSD: B1-112-SB-5
	8)	B1-111-SB-4	Date: 3/8/2016
3/8/2016	9)	B1-036-SB-1	
	10)	B1-036-SB-4	
	11)	B1-035-SB-1	
	12)	B1-035-SB-5	
	13)	B1-112-SB-1	Field Blank:
	14)	B1-112-SB-5	Date: 3/7/2016
	15)	B1-113-SB-1	Eq. Blank:
	16)	B1-113-SB-5	Date: 3/7/2016
	17)	B1-020-SB-1	
	18)	B1-020-SB-5	
	19)	B1-019-SB-1	
	20)	B1-019-SB-5	

Date:		Sample IDs	
3/9/2016	1)	B1-043-SB-5	
	2)	B1-120-SB-1	
	3)	B1-146-SB-1	
	4)	B1-146-SB-5	
	5)	B1-100-SB-1	Duplicate: B1-045-SB-5
	6)	B1-100-SB-5	Date: 3/9/2016
	7)	B1-099-SB-1	MS/MSD: B1-048-SB-7
	8)	B1-099-SB-5	Date: 3/10/2016
	9)	B1-115-SB-1	
	10)	B1-046-SB-1	
	11)	B1-046-SB-6	
	12)	B1-046-SB-10	
	13)	B1-045-SB-1	Field Blank Field Blank 2
	14)	B1-045-SB-5	Date: 3/9/2016
	15)	B1-045-SB-10	Eq. Blank: EQ Blank 2
3/10/2016	16)	B1-048-SB-1	Date: 3/9/2016
	17)	B1-048-SB-7	
	18)	B1-048-SB-10	
	19)	B1-047-SB-1	
	20)	B1-047-SB-5	

3/8/2016	1)	B1-062-SB-1	
	2)	B1-062-SB-6	
	3)	B1-061-SB-1	
	4)	B1-061-SB-7	
	5)	B1-042-SB-1	Duplicate: B1-062-SB-1
	6)	B1-042-SB-5	Date: 3/8/2016
	7)	B1-041-SB-1	MS/MSD: B1-041-SB-8
	8)	B1-041-SB-8	Date: 3/8/2016
3/9/2016	9)	B1-040-SB-1	
	10)	B1-040-SB-5	
	11)	B1-039-SB-1	
	12)	B1-039-SB-5	
	13)	B1-038-SB-1	Field Blank:
	14)	B1-038-SB-5	Date: 3/9/2016
	15)	B1-037-SB-1	Field Blank:
	16)	B1-037-SB-5	Date: 3/9/2016
	17)	B1-037-SB-10	
	18)	B1-044-SB-1	
	19)	B1-044-SB-5	
	20)	B1-043-SB-1	

3/10/2016	1)	B1-047-SB-10	
	2)	B1-167-SB-1	
	3)	B1-167-SB-5	
	4)	B1-166-SB-9	
	5)	B1-165-SB-1	Duplicate: B1-116-SB-1
	6)	B1-165-SB-9.5	Date: 3/10/2016
	7)	B1-116-SB-1	MS/MSD: B1-049-SB-1
	8)	B1-116-SB-5	Date: 3/10/2016
	9)	B1-050-SB-1	
	10)	B1-050-SB-5	
	11)	B1-049-SB-1	
	12)	B1-049-SB-5	
	13)	B1-049-SB-10	Field Blank:
	14)	B1-144-SB-1	Date: 3/10/2016
	15)	B1-144-SB-5	Eq. Blank:
	16)	B1-051-SB-1	Date: 3/10/2016
	17)	B1-051-SB-5	
	18)	B1-052-SB-1	
	19)	B1-052-SB-5	
	20)	B1-119-SB-1	

.

Trip Blanks: 3/7/2016, 3/8/2016, 3/9/2016, 3/10/2016

QA/QC Tracking Log

Date:		Sample IDs	
3/10/2016	1)	B1-119-SB-5	
	2)	B1-119-SB-10	
3/11/2016	3)	B1-154-SB-1	
	4)	B1-154-SB-5	
	5)	B1-086-SB-1	Duplicate: B1-102-SB-8.5
	6)	B1-086-SB-5	Date: 3/11/2016
	7)	B1-085-SB-1	MS/MSD: B1-101-SB-1
	8)	B1-089-SB-1	Date: 3/11/2016
	9)	B1-090-SB-1	
	10)	B1-090-SB-6	
	11)	B1-102-SB-1	
	12)	B1-102-SB-4.5	
	13)	B1-101-SB-1	Field Blank:
	14)	B1-101-SB-5	Date: 3/11/2016
	15)	B1-127-SB-1	Eq. Blank:
	16)	B1-127-SB-6	Date: 3/11/2016
	17)	B1-126-SB-1	
	18)	B1-129-SB-1	
	19)	B1-129-SB-5	
	20)	B1-128-SB-1	

Date:		Sample IDs	
3/15/2016	1)	B1-169-SB-5	
	2)	B1-168-SB-1	
	3)	B1-168-SB-5	
	4)	B1-011-SB-1	
	5)	B1-011-SB-7	Duplicate: B1-014-SB-5
	6)	B1-012-SB-1	Date: 3/15/2016
	7)	B1-012-SB-9	MS/MSD: B1-013-SB-1
	8)	B1-170-SB-1	Date: 3/15/2016
	9)	B1-014-SB-1	
	10)	B1-014-SB-5	
	11)	B1-014-SB-10	
	12)	B1-013-SB-1	
	13)	B1-013-SB-9	Field Blank:
	14)	B1-013-SB-10	Date: 3/15/2016
	15)	B1-015-SB-1	Eq. Blank:
	16)	B1-015-SB-9	Date: 3/15/2016
	17)	B1-015-SB-10	
	18)	B1-016-SB-1	
	19)	B1-016-SB-5	
3/16/2016	20)	B1-124-SB-1	

3/11/2016	1)	B1-003-SB-1	
	2)	B1-003-SB-5	
3/14/2016	3)	B1-004-SB-1	
	4)	B1-004-SB-5	
	5)	B1-004-SB-10	Duplicate: B1-143-SB-1
	6)	B1-018-SB-1	Date: 3/14/2016
	7)	B1-018-SB-5	MS/MSD: B1-103-SB-5
	8)	B1-017-SB-1	Date: 3/14/2016
	9)	B1-017-SB-5	
	10)	B1-143-SB-1	
	11)	B1-143-SB-4.5	
	12)	B1-103-SB-1	
	13)	B1-103-SB-5	Field Blank:
	14)	B1-105-SB-1	Date: 3/14/2016
	15)	B1-105-SB-5	Eq. Blank:
	16)	B1-106-SB-1	Date: 3/14/2016
	17)	B1-106-SB-5	
	18)	B1-104-SB-1	
	19)	B1-104-SB-5	
3/15/2016	20)	B1-169-SB-1	

3/16/2016	1)	B1-122-SB-1	
	2)	B1-121-SB-1	
	3)	B1-125-SB-1	
	4)	B1-134-SB-1	
	5)	B1-134-SB-5	Duplicate: B1-134-SB-1
	6)	B1-133-SB-1	Date: 3/16/2016
	7)	B1-133-SB-5	MS/MSD: B1-133-SB-5
	8)	B1-132-SB-1	Date: 3/16/2016
	9)	B1-132-SB-5	
	10)	B1-091-SB-1	
	11)	B1-091-SB-5	
	12)	B1-160-SB-1	
	13)	B1-160-SB-5	Field Blank:
	14)	B1-159-SB-1	Date: 3/16/2016
	15)	B1-159-SB-5	Eq. Blank:
	16)	B1-161-SB-1	Date: 3/16/2016
	17)	B1-092-SB-1	
	18)	B1-092-SB-5	
	19)	B1-092-SB-10	
	20)	B1-123-SB-1	

.

Trip Blanks: 3/11/2016, 3/14/2016, 3/15/2016, 3/16/2016

QA/QC Tracking Log

Date:		Sample IDs		
3/16/2016	1)	B1-136-SB-1		
	2)	B1-136-SB-5		
3/17/2016	3)	B1-140-SB-1		
	4)	B1-140-SB-5		
	5)	B1-069-SB-1	Duplicate:	B1-022-SB-1
	6)	B1-069-SB-8	Date:	3/17/2016
	7)	B1-153-SB-1	MS/MSD:	B1-136-SB-5
	8)	B1-153-SB-5	Date:	3/16/2016
	9)	B1-141-SB-1		
	10)	B1-022-SB-1		
	11)	B1-022-SB-5		
	12)	B1-021-SB-1		
	13)	B1-021-SB-5	Field Blank:	Field Blank 2
	14)	B1-142-SB-1	Date:	3/16/2016
	15)	B1-142-SB-5	Eq. Blank:	EQ Blank 2
	16)	B1-142-SB-10	Date:	3/16/2016
	17)	B1-117-SB-1		
	18)	B1-117-SB-4.5		
	19)			
	20)	B1-072-SB-1		

Date:		Sample IDs		
3/18/2016	1)	B1-093-SB-5		
	2)	B1-094-SB-1		
	3)	B1-094-SB-7		
	4)	B1-137-SB-1		
	5)	B1-137-SB-5	Duplicate:	B1-094-SB-7
	6)	B1-158-SB-1	Date:	3/18/2016
	7)	B1-158-SB-4.5	MS/MSD:	B1-148-SB-1
	8)	B1-135-SB-1	Date:	3/18/2016
	9)	B1-135-SB-5		
	10)	B1-148-SB-1		
3/21/2016	11)	B1-059-SB-1		
	12)	B1-059-SB-7		
	13)	B1-060-SB-1	Field Blank:	
	14)	B1-060-SB-5	Date:	3/18/2016
	15)	B1-058-SB-1	Eq. Blank:	
	16)	B1-058-SB-7.5	Date:	3/18/2016
	17)	B1-057-SB-1		
	18)	B1-057-SB-5		
	19)	B1-110-SB-1		
	20)	B1-110-SB-5		

3/17/2016	1)	B1-072-SB-4		
	2)	B1-071-SB-1		
	3)	B1-071-SB-3		
	4)	B1-118-SB-1		
	5)	B1-118-SB-5	Duplicate:	B1-118-SB-1
	6)	B1-054-SB-1	Date:	3/17/2016
	7)	B1-054-SB-5	MS/MSD:	B1-080-SB-4
	8)	B1-053-SB-1	Date:	3/18/2016
	9)	B1-053-SB-7		
3/18/2016	10)	B1-056-SB-1		
	11)	B1-056-SB-7.5		
	12)	B1-055-SB-1		
	13)	B1-055-SB-6.5	Field Blank:	
	14)	B1-156-SB-1	Date:	3/17/2016
	15)	B1-156-SB-7	Eq. Blank:	
	16)	B1-080-SB-1	Date:	3/17/2016
	17)	B1-080-SB-4		
	18)	B1-079-SB-1		
	19)	B1-079-SB-5		
	20)	B1-093-SB-1		

3/21/2016	1)	B1-107-SB-1		
	2)	B1-107-SB-5		
	3)	B1-108-SB-1		
	4)	B1-108-SB-4.5		
	5)	B1-098-SB-1	Duplicate:	B1-030-SB-5
	6)	B1-098-SB-5	Date:	3/22/2016
	7)	B1-097-SB-1	MS/MSD:	B1-029-SB-5
	8)	B1-097-SB-5	Date:	3/22/2016
	9)	B1-097-SB-10		
	10)	B1-109-SB-1		
	11)	B1-109-SB-4		
	12)	B1-074-SB-1		
	13)	B1-074-SB-8	Field Blank:	
3/22/2016	14)	B1-029-SB-1	Date:	3/21/2016
	15)	B1-029-SB-5	Field Blank:	
	16)	B1-030-SB-1	Date:	3/21/2016
	17)	B1-030-SB-5		
	18)	B1-032-SB-1		
	19)	B1-032-SB-5		
	20)	B1-031-SB-1		

Trip Blanks: 3/17/2016, 3/18/2016, 3/21/2016, 3/22/2016

QA/QC Tracking Log

Date:		Sample IDs	
3/22/2016	1)	B1-031-SB-5	
	2)	B1-145-SB-1	
	3)	B1-145-SB-8.5	
	4)	B1-088-SB-1	
	5)	B1-088-SB-5	Duplicate: B1-031-SB-5
	6)	B1-087-SB-1	Date: 3/22/2016
	7)	B1-087-SB-4	MS/MSD: B1-177-SB-5
	8)	B1-176-SB-1	Date: 3/22/2016
	9)	B1-176-SB-4	
	10)	B1-175-SB-1	
	11)	B1-175-SB-7.5	
	12)	B1-177-SB-1	
	13)	B1-177-SB-5	Field Blank:
	14)	B1-152-SB-1	Date: 3/22/2016
	15)	B1-152-SB-4	Field Blank:
	16)	B1-076-SB-1	Date: 3/22/2016
	17)	B1-076-SB-4	
	18)	B1-076-SB-10	
	19)	B1-184-SB-1	
3/23/2016	20)	B1-075-SB-1	

Date:		Sample IDs	
3/24/2016	1)	B1-006-SB-1	
	2)	B1-006-SB-5	
	3)	B1-005-SB-1	
	4)	B1-005-SB-8	
	5)	B1-025-SB-1	Duplicate: B1-005-SB-8
	6)	B1-026-SB-1	Date: 3/24/2016
	7)	B1-026-SB-7.5	MS/MSD: B1-006-SB-5
	8)	B1-077-SB-1	Date: 3/24/2016
	9)	B1-077-SB-4	
	10)	B1-078-SB-1	
	11)	B1-078-SB-4	
	12)	B1-010-SB-1	
	13)	B1-010-SB-5	Field Blank:
	14)	B1-009-SB-1	Date: 3/24/2016
	15)	B1-009-SB-5	Eq. Blank:
	16)	B1-083-SB-1	Date: 3/24/2016
	17)	B1-084-SB-1	
	18)	B1-084-SB-4	
	19)	B1-174-SB-1	
	20)	B1-174-SB-4	

3/23/2016	1)	B1-075-SB-4	
	2)	B1-075-SB-10	
	3)	B1-095-SB-1	
	4)	B1-095-SB-4	
	5)	B1-095-SB-10	Duplicate: B1-075-SB-4
	6)	B1-096-SB-1	Date: 3/23/2016
	7)	B1-096-SB-4	MS/MSD: B1-095-SB-1
	8)	B1-096-SB-10	Date: 3/23/2016
	9)	B1-179-SB-1	
	10)	B1-179-SB-9	
	11)	B1-149-SB-1	
	12)	B1-131-SB-1	
	13)	B1-131-SB-4	Field Blank:
	14)	B1-130-SB-1	Date: 3/23/2016
	15)	B1-130-SB-9	Eq. Blank:
	16)	B1-178-SB-1	Date: 3/23/2016
	17)	B1-008-SB-1	
	18)	B1-008-SB-7.5	
	19)	B1-007-SB-1	
	20)	B1-007-SB-5	

3/24/2016	1)	B1-147-SB-1	
	2)	B1-147-SB-5	
	3)	B1-181-SB-1	
	4)	B1-181-SB-8	
3/25/2016	5)	B1-182-SB-1	Duplicate: B1-173-SB-8
	6)	B1-182-SB-8	Date: 3/25/2016
	7)	B1-182-SB-10	MS/MSD: B1-147-SB-5
	8)	B1-173-SB-1	Date: 3/24/2016
	9)	B1-173-SB-8	
	10)	B1-171-SB-1	
	11)	B1-172-SB-1	
	12)	B1-172-SB-4	
	13)	B1-081-SB-1	Field Blank:
	14)	B1-081-SB-4.5	Date: 3/25/2016
	15)	B1-082-SB-1	Eq. Blank:
	16)	B1-082-SB-5	Date: 3/25/2016
	17)	B1-180-SB-1	
	18)	B1-002-SB-1	
	19)	B1-002-SB-9	
	20)	B1-001-SB-1	

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Trip Blanks: 3/22/2016, 3/23/2016, 3/24/2016, 3/25/2016

QA/QC Tracking Log

Date:		Sample IDs		
3/26/2016	1)	B1-001-SB-9		
	2)	B1-183-SB-1		
	3)	B1-183-SB-8.5		
	4)	B1-066-SB-1		
	5)	B1-066-SB-9	Duplicate:	B1-162-SB-1
	6)	B1-068-SB-1	Date:	3/28/2016
	7)	B1-067-SB-1	MS/MSD:	B1-164-SB-4
	8)	B1-067-SB-9	Date:	3/28/2016
	9)	B1-065-SB-1		
	10)	B1-065-SB-4		
3/28/2016	11)	B1-162-SB-1		
	12)	B1-162-SB-4		
	13)	B1-164-SB-1	Field Blank:	
	14)	B1-164-SB-4	Date:	3/28/2016
	15)	B1-163-SB-1	Eq. Blank:	
	16)	B1-163-SB-4	Date:	3/28/2016
	17)	B1-163-SB-10		
	18)	B1-063-SB-1		
	19)	B1-063-SB-5		
	20)	B1-063-SB-10		

Date:		Sample IDs		
3/29/2016	1)	B1-028-SB-1		
	2)	B1-028-SB-4		
	3)			
	4)			
	5)		Duplicate:	B1-027-SB-1
	6)		Date:	3/29/2016
	7)		MS/MSD:	B1-028-SB-1
	8)		Date:	3/29/2016
	9)			
	10)			
	11)			
	12)			
	13)		Field Blank:	2
	14)		Date:	3/29/2016
	15)		Eq. Blank:	2
	16)		Date:	3/29/2016
	17)			
	18)			
	19)			
	20)			

3/28/2016	1)	B1-064-SB-1		
	2)	B1-064-SB-5		
	3)	B1-150-SB-1		
	4)	B1-150-SB-8		
	5)	B1-151-SB-1	Duplicate:	2 @ B1-150-SB-8
	6)	B1-151-SB-5	Date:	3/28/2016
	7)	B1-155-SB-1	MS/MSD:	B1-157-SB-1
	8)	B1-155-SB-5	Date:	3/28/2016
	9)	B1-157-SB-1		
	10)	B1-157-SB-8		
	11)	B1-070-SB-1		
3/29/2016	12)	B1-138-SB-1		
	13)	B1-138-SB-7.5	Field Blank:	1
	14)	B1-139-SB-1	Date:	3/29/2016
	15)	B1-139-SB-5	Eq. Blank:	1
	16)	B1-024-SB-1	Date:	3/29/2016
	17)	B1-024-SB-5		
	18)	B1-023-SB-1		
	19)	B1-023-SB-4		
	20)	B1-027-SB-1		

	1)			
	2)			
	3)			
	4)			
	5)			
	6)			
	7)		Duplicate:	
	8)		Date:	
	9)		MS/MSD:	
	10)		Date:	
	11)		Field Blank:	
	12)		Date:	
	13)			
	14)			
	15)			
	16)			
	17)			
	18)			
	19)			
	20)			

Trip Blanks: 3/26/2016, 3/28/2016, 3/29/2016

APPENDIX G

EVALUATION OF DATA COMPLETENESS
Percentage of Non-rejected Results vs. Total Results

Parameter	Parameter Group	Matrix	Unit	Number of Validated Results	Detections	Number of Rejected Results	Number of Non-rejected Results	Completeness
Cyanide	CN	Soil	mg/kg	176	140	0	176	100.00%
Aluminum	Metal	Soil	mg/kg	176	176	0	176	100.00%
Antimony	Metal	Soil	mg/kg	176	20	0	176	100.00%
Arsenic	Metal	Soil	mg/kg	186	160	0	186	100.00%
Barium	Metal	Soil	mg/kg	176	175	0	176	100.00%
Beryllium	Metal	Soil	mg/kg	176	134	0	176	100.00%
Cadmium	Metal	Soil	mg/kg	176	103	0	176	100.00%
Chromium	Metal	Soil	mg/kg	176	176	0	176	100.00%
Chromium VI	Metal	Soil	mg/kg	176	19	0	176	100.00%
Cobalt	Metal	Soil	mg/kg	176	146	0	176	100.00%
Copper	Metal	Soil	mg/kg	176	174	0	176	100.00%
Iron	Metal	Soil	mg/kg	176	176	0	176	100.00%
Lead	Metal	Soil	mg/kg	177	167	0	177	100.00%
Manganese	Metal	Soil	mg/kg	178	178	0	178	100.00%
Mercury	Metal	Soil	mg/kg	176	149	0	176	100.00%
Nickel	Metal	Soil	mg/kg	176	162	0	176	100.00%
Selenium	Metal	Soil	mg/kg	176	22	0	176	100.00%
Silver	Metal	Soil	mg/kg	176	40	0	176	100.00%
Thallium	Metal	Soil	mg/kg	176	2	0	176	100.00%
Vanadium	Metal	Soil	mg/kg	177	177	0	177	100.00%
Zinc	Metal	Soil	mg/kg	176	174	0	176	100.00%
Aroclor 1016	PCB	Soil	mg/kg	96	0	0	96	100.00%
Aroclor 1221	PCB	Soil	mg/kg	96	0	0	96	100.00%
Aroclor 1232	PCB	Soil	mg/kg	96	0	0	96	100.00%
Aroclor 1242	PCB	Soil	mg/kg	96	9	0	96	100.00%
Aroclor 1248	PCB	Soil	mg/kg	96	3	0	96	100.00%
Aroclor 1254	PCB	Soil	mg/kg	96	26	0	96	100.00%
Aroclor 1260	PCB	Soil	mg/kg	96	33	0	96	100.00%
Aroclor 1262	PCB	Soil	mg/kg	96	17	0	96	100.00%
Aroclor 1268	PCB	Soil	mg/kg	96	3	0	96	100.00%
PCBs (total)	PCB	Soil	mg/kg	96	53	0	96	100.00%
1,1-Biphenyl	SVOC	Soil	mg/kg	176	78	0	176	100.00%
1,2,4,5-Tetrachlorobenzene	SVOC	Soil	mg/kg	176	0	0	176	100.00%
2,3,4,6-Tetrachlorophenol	SVOC	Soil	mg/kg	176	1	22	154	87.50%
2,4,5-Trichlorophenol	SVOC	Soil	mg/kg	176	0	21	155	88.07%
2,4,6-Trichlorophenol	SVOC	Soil	mg/kg	176	0	21	155	88.07%
2,4-Dichlorophenol	SVOC	Soil	mg/kg	176	0	21	155	88.07%
2,4-Dimethylphenol	SVOC	Soil	mg/kg	176	22	20	156	88.64%
2,4-Dinitrophenol	SVOC	Soil	mg/kg	176	0	29	147	83.52%
2,4-Dinitrotoluene	SVOC	Soil	mg/kg	176	0	1	175	99.43%
2,6-Dinitrotoluene	SVOC	Soil	mg/kg	176	0	0	176	100.00%
2-Chloronaphthalene	SVOC	Soil	mg/kg	176	12	0	176	100.00%
2-Chlorophenol	SVOC	Soil	mg/kg	176	0	21	155	88.07%
2-Methylnaphthalene	SVOC	Soil	mg/kg	178	167	0	178	100.00%
2-Methylphenol	SVOC	Soil	mg/kg	176	17	21	155	88.07%
2-Nitroaniline	SVOC	Soil	mg/kg	176	1	0	176	100.00%
3&4-Methylphenol(m&p Cresol)	SVOC	Soil	mg/kg	176	31	21	155	88.07%
3,3'-Dichlorobenzidine	SVOC	Soil	mg/kg	176	1	0	176	100.00%
4-Chloroaniline	SVOC	Soil	mg/kg	176	1	0	176	100.00%
4-Nitroaniline	SVOC	Soil	mg/kg	176	1	0	176	100.00%
Acenaphthene	SVOC	Soil	mg/kg	178	148	0	178	100.00%
Acenaphthylene	SVOC	Soil	mg/kg	178	161	0	178	100.00%
Acetophenone	SVOC	Soil	mg/kg	176	61	0	176	100.00%
Anthracene	SVOC	Soil	mg/kg	178	166	0	178	100.00%
Benz[a]anthracene	SVOC	Soil	mg/kg	178	168	0	178	100.00%
Benzaldehyde	SVOC	Soil	mg/kg	176	85	72	104	59.09%
Benzo[a]pyrene	SVOC	Soil	mg/kg	181	173	0	181	100.00%

EVALUATION OF DATA COMPLETENESS
Percentage of Non-rejected Results vs. Total Results

Parameter	Parameter Group	Matrix	Unit	Number of Validated Results	Detections	Number of Rejected Results	Number of Non-rejected Results	Completeness
Benzo[b]fluoranthene	SVOC	Soil	mg/kg	179	177	0	179	100.00%
Benzo[g,h,i]perylene	SVOC	Soil	mg/kg	178	171	0	178	100.00%
Benzo[k]fluoranthene	SVOC	Soil	mg/kg	178	177	0	178	100.00%
bis(2-chloroethoxy)methane	SVOC	Soil	mg/kg	176	0	0	176	100.00%
bis(2-Chloroethyl)ether	SVOC	Soil	mg/kg	176	1	0	176	100.00%
bis(2-Chloroisopropyl)ether	SVOC	Soil	mg/kg	176	0	0	176	100.00%
bis(2-Ethylhexyl)phthalate	SVOC	Soil	mg/kg	176	35	0	176	100.00%
Caprolactam	SVOC	Soil	mg/kg	176	7	0	176	100.00%
Carbazole	SVOC	Soil	mg/kg	176	99	0	176	100.00%
Chrysene	SVOC	Soil	mg/kg	178	174	0	178	100.00%
Dibenz[a,h]anthracene	SVOC	Soil	mg/kg	178	151	0	178	100.00%
Diethylphthalate	SVOC	Soil	mg/kg	176	0	0	176	100.00%
Di-n-butylphthalate	SVOC	Soil	mg/kg	176	13	0	176	100.00%
Di-n-ocytlphthalate	SVOC	Soil	mg/kg	176	6	0	176	100.00%
Fluoranthene	SVOC	Soil	mg/kg	178	174	0	178	100.00%
Fluorene	SVOC	Soil	mg/kg	178	156	0	178	100.00%
Hexachlorobenzene	SVOC	Soil	mg/kg	176	0	0	176	100.00%
Hexachlorobutadiene	SVOC	Soil	mg/kg	176	0	0	176	100.00%
Hexachlorocyclopentadiene	SVOC	Soil	mg/kg	176	0	2	174	98.86%
Hexachloroethane	SVOC	Soil	mg/kg	176	2	0	176	100.00%
Indeno[1,2,3-c,d]pyrene	SVOC	Soil	mg/kg	178	167	0	178	100.00%
Isophorone	SVOC	Soil	mg/kg	176	0	0	176	100.00%
Naphthalene	SVOC	Soil	mg/kg	178	172	0	178	100.00%
Nitrobenzene	SVOC	Soil	mg/kg	176	0	0	176	100.00%
N-Nitroso-di-n-propylamine	SVOC	Soil	mg/kg	176	0	0	176	100.00%
N-Nitrosodiphenylamine	SVOC	Soil	mg/kg	176	0	0	176	100.00%
Pentachlorophenol	SVOC	Soil	mg/kg	176	3	24	152	86.36%
Phenanthrene	SVOC	Soil	mg/kg	178	174	0	178	100.00%
Phenol	SVOC	Soil	mg/kg	176	32	20	156	88.64%
Pyrene	SVOC	Soil	mg/kg	178	174	0	178	100.00%
Diesel Range Organics	TPH	Soil	mg/kg	177	172	0	177	100.00%
Gasoline Range Organics	TPH	Soil	mg/kg	176	7	0	176	100.00%
1,1,1-Trichloroethane	VOC	Soil	mg/kg	176	4	0	176	100.00%
1,1,2,2-Tetrachloroethane	VOC	Soil	mg/kg	176	0	4	172	97.73%
1,1,2-Trichloro-1,2,2-Trifluoroethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,1,2-Trichloroethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,1-Dichloroethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,1-Dichloroethene	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,2,3-Trichlorobenzene	VOC	Soil	mg/kg	176	0	1	175	99.43%
1,2,4-Trichlorobenzene	VOC	Soil	mg/kg	176	0	1	175	99.43%
1,2-Dibromo-3-chloropropane	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,2-Dibromoethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,2-Dichlorobenzene	VOC	Soil	mg/kg	176	1	0	176	100.00%
1,2-Dichloroethane	VOC	Soil	mg/kg	176	2	0	176	100.00%
1,2-Dichloroethene (Total)	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,2-Dichloropropane	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,3-Dichlorobenzene	VOC	Soil	mg/kg	176	0	0	176	100.00%
1,4-Dichlorobenzene	VOC	Soil	mg/kg	176	0	1	175	99.43%
2-Butanone (MEK)	VOC	Soil	mg/kg	176	9	0	176	100.00%
2-Hexanone	VOC	Soil	mg/kg	176	1	0	176	100.00%
4-Methyl-2-pentanone (MIBK)	VOC	Soil	mg/kg	176	1	0	176	100.00%
Acetone	VOC	Soil	mg/kg	176	48	0	176	100.00%
Benzene	VOC	Soil	mg/kg	176	21	0	176	100.00%
Bromodichloromethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
Bromoform	VOC	Soil	mg/kg	176	0	0	176	100.00%
Bromomethane	VOC	Soil	mg/kg	176	0	165	11	6.25%
Carbon disulfide	VOC	Soil	mg/kg	176	1	0	176	100.00%

EVALUATION OF DATA COMPLETENESS
Percentage of Non-rejected Results vs. Total Results

Parameter	Parameter Group	Matrix	Unit	Number of Validated Results	Detections	Number of Rejected Results	Number of Non-rejected Results	Completeness
Carbon tetrachloride	VOC	Soil	mg/kg	176	0	0	176	100.00%
Chlorobenzene	VOC	Soil	mg/kg	176	0	0	176	100.00%
Chloroethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
Chloroform	VOC	Soil	mg/kg	176	2	0	176	100.00%
Chloromethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
cis-1,2-Dichloroethene	VOC	Soil	mg/kg	176	0	0	176	100.00%
cis-1,3-Dichloropropene	VOC	Soil	mg/kg	176	0	0	176	100.00%
Cyclohexane	VOC	Soil	mg/kg	176	3	0	176	100.00%
Dibromochloromethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
Dichlorodifluoromethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
Ethylbenzene	VOC	Soil	mg/kg	176	2	0	176	100.00%
Isopropylbenzene	VOC	Soil	mg/kg	176	1	0	176	100.00%
Methyl Acetate	VOC	Soil	mg/kg	176	3	1	175	99.43%
Methyl tert-butyl ether (MTBE)	VOC	Soil	mg/kg	176	0	0	176	100.00%
Methylene Chloride	VOC	Soil	mg/kg	176	1	0	176	100.00%
Styrene	VOC	Soil	mg/kg	176	0	0	176	100.00%
Tetrachloroethene	VOC	Soil	mg/kg	176	1	0	176	100.00%
Toluene	VOC	Soil	mg/kg	176	27	0	176	100.00%
trans-1,2-Dichloroethene	VOC	Soil	mg/kg	176	0	0	176	100.00%
trans-1,3-Dichloropropene	VOC	Soil	mg/kg	176	0	0	176	100.00%
Trichloroethene	VOC	Soil	mg/kg	176	2	0	176	100.00%
Trichlorofluoromethane	VOC	Soil	mg/kg	176	0	0	176	100.00%
Vinyl chloride	VOC	Soil	mg/kg	176	0	0	176	100.00%
Xylenes	VOC	Soil	mg/kg	176	5	0	176	100.00%
1,4-Dioxane	VOC/SVOC	Soil	mg/kg	176	0	175	1	0.57%

Data validation has been completed for a representative 50% of all samples