

SITE INSPECTION REASSESSMENT REPORT

White Park CERCLIS Site

Mississippi Street

Morgantown, Monongalia County, West Virginia

CERCLIS WVD988766168



Triad Project Number: 04-18-0285

Submitted to:
West Virginia Department of Environmental Protection
Office of Environmental Remediation
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ACRONYM GLOSSERY

ASI	Analytical Resources, Inc.
bgs	Below ground surface
BOPARC	Board of Park and Recreation Commissioners
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CHM	Chemtech Consulting Group
CHX	Chemtex
CLP	Contract Laboratory Program
COC	Contaminant of Concern
COD	Chemical Oxygen Demand
COPC	Contaminant of Potential Concern
CRQL	Contract Required Quantitation Limit
DNR	Department of Natural Resources
DQO	Data Quality Objective
ECOS	Environmental Conservation Online System
EXES	Environmental Data Exchange and Evaluation System
FOM	Field Operations Manager
FSP	Field Sampling Plan
HASP	Health and Safety Plan
HRS	Hazard Ranking Score
msl	mean sea level
MS/DUP	Inorganic Matrix Spike/Matrix Duplicate
MS/MSD	Organic Matrix Spike/Matrix Spike Duplicate
NPL	National Priority List
NWI	National Wetland Inventory
OER	Office of Environmental Remediation
OVA	Organic vapor analyzer
PAH	Polynuclear aromatic hydrocarbons
PPE	Personal protective equipment
QAPP	Quality Assurance Project Plan
QC	Quality Control
QEC	Quality Environmental Containers

ACRONYM GLOSSERY

RAGS	Risk-Assessment Guidance for Superfund
RAS	Routine Analytical Services Program
RBC	Risk Based Concentration
RCRA	Resource Conservation and Recovery Act
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SCS	Soil Conservation Service
Scribe XLM	Scribe Extensible Markup Language
SDG	Sample Delivery Group
SIR	Site Inspection Reassessment
SIM	Selected Ion Monitoring
SOW	Statement of Work
SVOC	Semivolatile Organic Compounds
TAL	Target Analyte List
TAT	Technical Assistance Team
TCL	Target Compound List
Triad	Triad Engineering, Inc.
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFWS	US Fish and Wildlife Service
USGS	United States Geological Survey
VOC	Volatile Organic Compounds
VRP	Voluntary Remediation Program
VRRDA	West Virginia Voluntary Remediation and Redevelopment Act
WMS	Waste Management Section
WVDEP	West Virginia Department of Environmental Protection
WVDNR	West Virginia Department of Natural Resources

1.0 INTRODUCTION

Triad Engineering, Inc. (Triad) has prepared this *Site Inspection Reassessment (SIR)* report for the United States Environmental Protection Agency (USEPA), Region III and the West Virginia Department of Environmental Protection (WVDEP), Office of Environmental Remediation (OER) under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1988 (SARA) under a Pre-Remedial Cooperative Agreement between the USEPA and the WVDEP.

The White Park CERCLIS Site (herein referred to as the “Site”) has the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) site designation WVD988766168. The Site is not on the National Priorities List (NPL), and the current CERCLIS status is Active with the “SI Start Needed” status. The USEPA and WVDEP, OER determined a Site Inspection Reassessment (SIR) was warranted to assess potential risk associated with the Site and has determined the Site should undergo further investigation under CERCLA. This SIR has been prepared under Task 3 of the approved Work Plan.

Prior to preparing this SIR report, Triad performed various work tasks under the approved Work Plan relative to the White Park CERCLIS Site, including preparing the following deliverables for the USEPA and WVDEP, OER:

- *Conflict of Interest* disclosure per the requirements of 40 CFR Part 35.6550 (Subpart O), submitted February 26, 2019.
- *Sampling and Analysis Plan (SAP)*, which included a *Field Sampling Plan (FSP)* and a *Quality Assurance Project Plan (QAPP)*, submitted July 2, 2019.
- *Health and Safety Plan (HASP)*, submitted July 2, 2019.

In addition to these deliverables, OER requested that Triad perform a preliminary screening-level risk assessment to assess potential risk associated with the White Park CERCLIS Site. This preliminary screening-level assessment includes the following work tasks:

- Identifying contaminants of potential concern (COPCs) and then selecting contaminants of concern (COCs);
- Identifying areas of potential environmental concern, contaminant migration pathways, and potential human health and ecological receptors; and
- Preparing this *SIR* report, which includes providing recommendations.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Location

The White Park CERCLIS Site is located in the southwestern portion of Morgantown, Monongalia County, West Virginia. The Site, as initially identified in CERCLIS, consisted of only the 170-acre municipal park known as White Park. White Park lies at the northern end of an approximately 700-acre area that was operated as a crude oil tank farm from the late 1800's through the early 1960's. Coordinates for the Site are 39° 36' 43" north latitude and 79° 57' 30" west longitude. The Site is depicted on the 1976 *Morgantown South, W.Va.* United States Geological Survey (USGS) 7.5-minute topographic quadrangle map and included in the attached **Figure 1, Site Topographic Map**.

2.2 Site Description

Prior to its commercial, recreational, and residential development, the Site was part of an area occupied by a crude oil tank farm operated by Standard Oil and its subsidiary, the Eureka Pipe Line Company. The Site was utilized as a tank farm from as early as the late 1800's until the early 1960's.

The Site currently has mixed-use development including residential homes, roads, shopping centers, and innumerable commercial entities, as well as a 170-acre municipal park, known as White Park, which is operated by the City of Morgantown Board of Park and Recreation Commissioners (BOPARC).

Recreational facilities at the park include four adult softball fields, two youth baseball fields, five miles of hiking trails, playground, picnic area, ice skating rink, green/open space, and restrooms. Currently, most developed park facilities, including baseball/softball fields, playground, ice rink, picnic shelter, restrooms are within or immediately proximate to an area bounded by Mississippi Street on the south, Hite Street on the north, and East Parkway Drive on the east. The remainder of the Site is occupied by woodland and the approximately 17-acre Cobun Creek Reservoir, with very limited grassy clearings. Several gravel hiking trails are present in the wooded areas on the north side of the Cobun Creek Reservoir. A gas pipeline transects the northern portion of White Park from the southwest to the northeast, with one of the hiking trails following the gas line from Mississippi Street to the northern park boundary.

Please refer to the attached **Figure 2, General Site Features**, for locations of current structures and their relation to the former bulk fuel aboveground storage tanks (ASTs).

2.3 Historical Site Investigations and Remedial Activities

The Site was listed on CERCLIS in August 1988 following an inspection and preliminary sampling investigation conducted by the West Virginia Division of Natural Resources, Waste Management Section (WVDNR, WMS). The following is a brief summary, in chronological order, of site investigations and remedial activities that have occurred at the Site since that time:

Initial 1987 Site Visit – According to records available for review in the WVDEP, OER and USEPA project files, at least four site visits were conducted. The first inspection was performed on October 14, 1987 by WVDNR, WMS in response to a report of tar-like pits in diked areas near the school by a private citizen. During the inspection, a tar-like substance with a petroleum odor was observed in a former dike area near the South Middle School, and additional tar-like deposits were observed along a small tributary stream that flows into the Cobun Creek Reservoir. Additional tar deposits were observed along an unnamed tributary flowing into the reservoir during this visit. Samples collected included the tar material, three sediment sample locations, and one surface water location in the reservoir. According to the report, priority pollutants and heavy metals were selected as parameters. Limited analytical data were attached to the report. The tar sample was found to contain 43 microgram per kilogram (ug/kg) of ethylbenzene; 17 ug/kg of m and p-xylene; 31 ug/kg of o-xylene; and 1,400 ug/kg of phenanthrene. The sediment samples were found to range between 29 and 41 ug/kg of naphthalene; 21 and 59 ug/kg of 2-methyl naphthalene; 120 and 340 ug/kg of phenanthrene; 81 and 600 ug/kg of fluoranthene; and 110 and 590 ug/kg of pyrene. Analytical results of the heavy metals that may have been detected in the tar or sediment samples as well as the surface water sample data were unavailable for review.

A brief memo was prepared documenting the results of a site visit by WVDNR, WMS on July 25, 1988. An exposed area of tar deposits with a petroleum odor approximately 15 feet by five inches was observed along the bank of a stream flowing into the reservoir. The stream in question appears to be the unnamed tributary located immediately west of the softball fields that flows southward and enters the reservoir near the ice rink parking area. Organic Vapor Analyzer (OVA) readings at this location were reported to be 300 parts per million (ppm). The report also stated that “six to seven of these areas are present” but did not give additional details. A USEPA Potential Hazardous Waste Site Preliminary Assessment form prepared for submission was

attached to the memo, listing heavy metals, phenols, and other petroleum constituents as possible substances, and migration to the reservoir as the potential hazard. A medium priority for inspection was assigned.

1988 Weston Technical Assistance Team Site Visit – On September 14, 1988, the Weston Technical Assistance Team for Emergency Response Removal and Prevention (TAT), under contract to USEPA, visited the Site. A dike area containing approximately 5,000 square feet of soft oily material of unknown depth was observed near the ice rink parking lot. OVA readings did not exceed background when the material was undisturbed, but elevated readings were obtained after disturbing the material. Visible oil sheen was observed on the surface of the reservoir near the northwest corner. A sample collected at the tar pit near the ice rink was found to contain 3.7 milligram per kilogram (mg/kg) of chloroform and 294.0 mg/kg of acetone. A sample collected further to the north along the unnamed tributary contained 251.0 mg/kg of 2-butanone. These analytical results were considered suspect as chloroform and ketones are common laboratory contaminants; however, the United States government reportedly stored “alcohols” in two ASTs during World War II under lease to the Eureka Pipeline Company (source: Letter from Patrick A. Henry, President of Eureka Pipeline Company to the WVDNR, Feb 27, 1989). The location of the leased ASTs was not identified. The report indicates that several water samples were taken at the reservoir and tributaries, but no analytical data were attached for review. The report states that “although a visible sheen was observed on the reservoir..., no contaminants were found in the samples collected.” Recommendations included removal or restriction of access to the pit area near the ice rink, and restoration of the dike walls to prevent the migration of the material to the reservoir.

1989 Preliminary Assessment – A preliminary assessment report was prepared for White Park in March 1989 by WVDNR, WMS, Site Investigation and Response Section. The report was based on the data collected during the above-referenced investigations, and site-specific soil, geology, and demographics data. Hazard Ranking System (HRS) scoring sheets listed a score of 35.20, and a high priority CERCLA site investigation was recommended due to the proximity of a municipal water supply.

1991 Site Visit Summary Report – A *Site Visit Summary Report, White Park* was prepared on May 4, 1989 by WVDNR, WMS. The report documented a field trip to the Site on April 25, 1989, during which five water and five sediment samples were collected for volatiles, base neutral

compounds, and total metals. The *Site Investigation Report for White Park, Morgantown, Monongalia County, West Virginia* was prepared by WVDNR, WMS Site Investigation and Response Section in January 1991, and was based on the data obtained during the April 1989 investigation. The report documented known tar pit areas and a “tar ledge” along the unnamed tributary that flows into Cobun Creek Reservoir near the ice rink parking lot. The report concluded that on-site surface water and sediment samples exhibited non-carcinogenic organic and inorganic compounds. These concentrations were considered insufficient to pose a health threat to persons receiving chronic oral exposures, and it was stated that the migration of these contaminants to the reservoir would not pose a chronic health to persons using the reservoir as a water supply. Known or potential carcinogens 1,4-dichlorobenzene, bis(2-ethyl hexyl) phthalate, chromium, arsenic, and lead were also detected in several on-site surface water and sediment samples. 1,4-Dichlorobenzene and bis(2-ethyl hexyl) phthalate concentrations were considered insufficient to present an increased cancer risk in excess of 1×10^{-6} . One water sample that contained 5.4 microgram per liter (ug/l) of arsenic, 7.7 ug/l of chromium, and 46.9 ug/l of lead was considered potentially biased because it was an unfiltered grab sample containing suspended sediment particles.

1991 USEPA Memo – A USEPA memo in March 1991 recommended further investigation to evaluate risk to Site recreational users from any remaining on-site residual contamination and cites the lack of groundwater study at the Site. A second HRS score of 36.87 was calculated in December 1990.

1998 Reclamation – In 1998, reclamation work was completed by the Eureka Pipe Line Company at three dike areas with exposed hydrocarbon residues. Residues in the pit areas were solidified by mixing agricultural lime float with the hydrocarbon materials using heavy equipment. This process ultimately resulted in material with a clay-like consistency in the pit areas. The material was then covered with clean soil and seeded.

2003 Executive Summary Report – As part of a 2003 Executive Summary, Triad calculated an HRS Site Score of 0.0 for the Site. This score could be underestimated due to data gaps, such as lack of groundwater quality data from the Cobun Creek Reservoir. The HRS Site Score could also be low due to limited information on the extent of contamination and the number of individuals exposed. Therefore, the USEPA and WVDEP, OER determined that a Preliminary

Assessment/Site Inspection (PA/SI) was warranted to assess potential risk associated with the Site and determined the Site should undergo further action under CERCLA.

2009 Site Inspection Reassessment – Triad conducted an investigation that included collecting samples from 13 former AST locations and the Cobun Creek Reservoir. A preliminary HRS score of 42.49 was calculated and concluded that the source of contamination was a surface impoundment associated with former Tank 40. A release of petroleum products and measured contaminants of concern (COCs) were observed. The Cobun Creek Reservoir, a secondary source of drinking water for the City of Morgantown, is approximately 100 feet downgradient of the source of contamination; therefore, the risk of a release to Cobun Creek Reservoir via overland flow exists. Additionally, recreational visitors are being exposed to surface soil concentrations above risk-based concentrations. Triad recommended to remove the area of observed free product in the diked area of Tank 40. In addition, if not already in place, groundwater and future land use restricted through a land use covenant or deed restriction.

2019 Morgantown Utility Board Assessment – To investigate the area where utility line installation work was planned, Triad collected 37 soil samples which were analyzed for VOC, SVOC, and metals, on June 24 through 26, 2019 with 7 additional samples collected on August 28, 2019. Based on the laboratory analytical results, low-level PAH and metals have been identified in soil in the area of the proposed municipal water line. In accordance with Resource Conservation and Recovery Act (RCRA) regulations, once soil is removed from the ground it is considered a solid waste; therefore, any soils removed in the vicinity of the impacted areas need to be properly disposed. Solid wastes are not to be placed back in the trench. The impacted areas would consist of all soil within the area where detections exceeded the WVDEP residential soil *de minimis* values and the natural background concentrations for West Virginia soils. Additional landfill requirements may be necessary prior to acceptance of the waste. Triad recommended that MUB notify the WVDEP and prepare a Soil Management Plan (SMP) prior to any excavation activities within the CERCLIS site boundary. This SMP will describe the areas of soil to be removed and specify disposal requirements and will identify any necessary personal protective equipment (PPE).

3.0 ENVIRONMENTAL SETTING

3.1 Topography

Based on review of the Morgantown, W.Va. 7.5-minute topographic quadrangle map and site reconnaissance activities; the slope of the Site is gently sloping to steeply sloping to the west. Site elevation ranges from approximately 940 feet above mean sea level (amsl) to approximately 840 amsl.

The Site topography is likely indicative of groundwater flow direction. As a result, groundwater flow at the Site would be expected to be toward the Cobun Creek Reservoir and then west toward the Monongahela River, located west of the Site. The Monongahela River flows in a northerly direction. Surface water runoff at the Site is directed west toward the Cobun Creek Reservoir. Portions of the Site are with the 100-year flood plain of the Cobun Creek and Cobun Creek Reservoir.

Monongalia County is entirely within the Appalachian Plateau physiographic province. Cobun Creek flows through the Site and Quaternary alluvium deposits are present in portions of the Site adjacent to Cobun Creek. The thickness and areal extent of these deposits is limited by the relatively small size of the creek and steep topography adjacent to Cobun Creek in portions of the Site. These unconsolidated deposits and Site soils are underlain by consolidated bedrock of the lower Conemaugh Group of the Pennsylvanian Period. Sandstone outcrops, most likely consisting of the Buffalo or Mahoning sandstone of the lower Conemaugh Group, are exposed in some areas along the banks of the Cobun Creek Reservoir.

3.2 Climate

Climate information was obtained for Morgantown, Monongalia County, West Virginia and was available at the World Climate website (www.worldclimate.com). The 24-hour average temperature in the summer months is 76 to 80 degrees Fahrenheit and range from 39 to 42 degrees Fahrenheit in the winter months. The average rainfall is 43.15 inches per year. A two year/ 24 hour rainfall for Morgantown, West Virginia is reported by the National Oceanic and Atmospheric Administration's National Weather Service (NOAA) as 2.51 inches per year.

3.3 Demographics

Based on information obtained from the USEPA's Environmental Justice Screening and Mapping Tool (EJScreen) (2010 census data), the population surrounding the Site is as follows:

Radius of Site	Estimated Population
4 miles	63,610
3 miles	44,895
2 miles	27,746
1 mile	9,131
0.75 mile	6,655
0.5 mile	3,180
0.25 mile	1,207

3.4 Soil Exposure Pathway

Four principal soil units are present at the portion of the Site occupied by White Park. The eastern half of the area between Hite Street and Mississippi Street is occupied by six baseball and softball fields, and is classified as Udorthents, cut and fill (U1) by the United States Department of Agriculture, Soil Conservation Service (USDA, SCS). This soil type consists of mixed soil and rock fragments from areas that have been excavated, graded, or filled. Soils in this unit have been altered or obscured to the extent that on-site investigation is necessary to determine limitations and potential for any proposed use.

The portion of the Site north of Hite Street and west of the ball fields between Hite Street and Mississippi Street is occupied by Zoar silt loam, 8 to 15 percent slopes (ZoC). This soil typically is strongly sloping and moderately well-drained, and is found on terraces. Depth to bedrock is greater than 60 inches. The surface layer is approximately eight inches thick and has moderate permeability of 0.6 to 2.0 inches per hour. Both the subsoil and substratum consist mostly of silty clay with moderately low permeability of 0.06 to 0.6 inches per hour in the subsoil and 0.06 to 0.2 inches per hour in the substratum. Surface water runoff is rapid, the infiltration rate is slow, and this soil has a seasonal high water table of 1.5 to 3 feet below the surface.

The western portion of the Site south of Mississippi Street and north and west of the Cobun Creek Reservoir consists primarily of Monongahela silt loam, 8 to 15 percent slopes (MgC). This soil

typically is strongly sloping and moderately well-drained, and found on terraces. Depth to bedrock is greater than 60 inches. The surface layer is approximately seven inches thick and has a moderate permeability of 0.6 to 2.0 inches per hour. The subsoil consists of silt loam, loam, and light clay loam, and the substratum consists of sandy clay loam. The subsoil has moderate to moderately low permeability of 0.06 to 2.0 inches per house, and the substratum has moderately low permeability of 0.2 to 0.6 inches per hour. Surface water runoff is rapid, the infiltration rate is slow, and this soil has a seasonal high water table of 1.5 to 3 feet below the surface.

The portion of the Site south of the Cobun Creek Reservoir to the Green Bag Road is mostly occupied by Clarksburg silt loam, 15 to 25 percent slopes (CkD). This soil typically is moderately steep, moderately well-drained, and is found at the head of drainage ways and on foot slopes. Depth to bedrock is greater than 60 inches. The surface layer is approximately 10 inches thick and has a moderate permeability of 0.6 to 2.0 inches per hour. The subsoil consists of silt loam and channery heavy loam, and the substratum consists of very firm channery heavy loam. The subsoil has moderate to moderately low permeability of 0.06 to 2.0 inches per hour, and the substratum has moderately low permeability of 0.06 to 0.6 inches per hour. Surface water runoff is rapid, infiltration rate is moderately slow to slow, and this soil has a seasonal high water table of 1.5 to 3 feet below the surface.

Soils in the remainder of the tank farm area generally are mapped as the Westmoreland-Culleoka-Clarksburg associations, which are gently sloping to very steep, well-drained to moderately well drained soil on uplands and foot slopes.

Individuals exposed to site soils would be the recreational visitors. On-site visitors involved in outdoor recreation activities such as baseball, softball, hiking, or picnicking could be exposed to CERCLA contaminants through potential incidental direct contact (incidental oral ingestion, inhalation, and dermal contact). Exposure is less likely in areas that lie outside the boundaries of White Park due to the destruction of former tank area by construction and extensive paving in developed areas. However, the potential for human exposure to CERCLA contaminants from inhalation of VOCs due to volatilization from subsurface soils to indoor and outdoor (ambient) air could present a risk.

3.5 Groundwater Exposure Pathway

Due to underlying geology, groundwater at the Site would be expected to be encountered at depths of less than 100-feet bgs. The direction of groundwater flow at the Site would generally be expected to be west/southwest toward Cobun Creek and the Monongahela River. Groundwater was not encountered during Site investigations. Private domestic wells or public supply wells are not present or found to be within the HRS groundwater TDL radius of four miles from the Site.

3.6 Surface Water Pathway

Surface water discharges from the Site to Cobun Creek via two small unnamed tributaries which originate within White Park. Drainage from the Site flows south-southwesterly and is directed beneath Mississippi Street through culverts, ultimately discharging to the Cobun Creek Reservoir. The portion of Cobun Creek below the reservoir dam flows approximately one-half mile west-northwesterly before discharging to the Monongahela River.

There are no known surface water intakes for drinking water use along the Monongahela River downstream of the Site within the TDL of 15 miles. However, the Monongahela River is used for recreational activities such as swimming, boating, and fishing resulting in potential human exposure.

3.7 Sensitive Environments

The Site is not considered to be within an ecologically sensitive area; however, the 17-acre Cobun Creek Reservoir is classified by the United States Fish and Wildlife Service (USFWS), National Wetlands Inventory as a Palustrine, Unconsolidated Bottom, Intermittently Exposed/Permanent, [h] Diked/Impounded. The small (~40 to 50 feet diameter) wetland area that has been developed naturally within a dike immediately west-northwest of the “bend” in the reservoir is not mapped or classified by the USFWS. There is a 0.72 acre freshwater emergency wetland along Cobun Creek upon leaving the Site. In addition, there is a 0.94 acre pond located at the confluence of Cobun Creek and the Monongahela River.

4.0 FIELD SAMPLING

As described in the approved SAP dated July 2, 2019, Triad collected a total of 26 soil/sediment samples, 6 aqueous samples, and 4 soil vapor samples (not including field and laboratory quality control samples) during the current site assessment.

The locations of these samples, which include the Contract Laboratory Program (CLP) sample identification numbers, are depicted on **Figure 3, CLP Sample Location Map** and **Figure 4, CLP Background Sample Location Map**. All analyses were performed in accordance with the current USEPA Region III CLP Statements of Work (SOW). The entire Site was not assessed during this investigation. The areas included in the assessment were portions of the White Park area that were not previously assessed.

4.1 Pre-Sampling Activities

Triad performed the following pre-sampling activities prior to performing the field sampling activities:

July 2, 2019 – Triad submitted the SAP, which included a *Quality Assurance Project Plan (QAPP)*, a *Field Sampling Plan (FSP)*, and a *Health and Safety Plan (HASP)* to WVDEP, OER. The SAP was subsequently approved by the WVDEP, OER.

August 4, 2019 – Triad ordered sample preservatives and sample containers from Quality Environmental Containers (QEC).

August 6, 2019 – Using USEPA supplied forms, Triad e-mailed the routine analytical request for USEPA CLP services to the USEPA with a requested a 14-day analytical and 28-day data validation turnaround time. Copies of the USEPA Region III Sample Scheduling Request Forms are included in the attached **Appendix 1, CLP Request Forms**.

August 12, 2019 – Triad assigned CLP sample numbers using the USEPA Scribe computer software program to each sample to be collected, based on location and analytical request. The CLP numbers and their associated sample locations are summarized on **Table 1, Sampling and Analysis Summary**.

October 8, 2019 – USEPA Region III supplied the Case Number 48420 and lab assignments for Chemtech Consulting Group (CHM) for the organic analysis, ChemTex (CHX) for the inorganic analysis, and USEPA Environmental Science Center for soil vapor and aqueous inorganic analysis.

4.2 Field Sampling Activities

Under the approved SAP, Triad performed field sampling activities for the White Park CERCLIS Site on October 14 through 16, 2019. During the sampling event, a total of 26 soil/sediment, 6 aqueous samples, and 4 soil vapor samples (not including field or laboratory QC samples) were collected. Samples were placed into laboratory pre-cleaned, QC sample containers. A sample label and sample tag was placed onto each individual sample container. The sample containers were then placed into sealed, zip-lock bags and placed into ice-filled coolers to maintain a temperature range of two to six-degrees Centigrade (°C) during sample storage and shipment. The coolers were sealed and at least two custody seals were placed on each cooler. Sample custody was maintained by Triad personnel throughout the sampling event.

Triad used the USEPA Scribe Environmental Sampling Data Management system (Scribe XML) computer program to prepare laboratory Chain of Custody/Traffic Reports prior to sample shipment. The samples were shipped with the appropriate chain of custody forms via Federal Express® Priority Overnight delivery to the appropriate CLP laboratory. Copies of the chain of custody and Federal Express® shipping forms are included in **Appendix 2, Chain of Custody**. The samples were identified by CLP Case Number 48420. The following laboratories performed the analyses:

CLP Organic Soil and Aqueous:

Chemtech Consulting Group
284 Sheffield Street
Mountainside, NJ 07092

CLP Inorganic Soil:

ChemTex
3082 25th Street
Port Arthur, TX 77642

Soil Vapor and Inorganic Aqueous:
Environmental Science Center
701 Mapes Road
Fort Meade, MD 20755

The following personnel performed project management, sample collection, preservation, preparation, packaging and shipping tasks in accordance with the approved *SAP*:

- Shannon Johnson, Field Operations Manager (FOM), CLP and Scribe XML sample management
- Matthew Wright, Field Sampling Technician
- Cadaris Wood, Field Sampling Technician
- Maria af Rolen, Field Sampling Technician
- Tony Creamer, Geoprobe Operator

4.3 Sample Preservation

Liquid TAL total metals (inorganics) samples were field preserved using 1:1 nitric acid (HNO₃). Triad added approximately three milliliters (ml) to each 1 liter plastic sample container at the site prior to sample collection in order to achieve a sample pH of <2. All samples were temperature preserved with ice immediately following sampling and during shipment to the laboratory.

4.4 Quality Control

4.4.1 Field Quality Control

Triad collected field duplicates and trip blank samples. These samples are identified on **Table 1, *Sampling and Analysis Summary***.

4.4.2 Laboratory Quality Control

Triad collected organic and inorganic matrix spike and matrix spike duplicate samples. These samples are identified on **Table 1, *Sampling and Analysis Summary***.

4.5 Sampling and Analysis Plan Deviations

Triad was unable to collect the surface soil and subsurface soil background samples (SS-12 and SB-7) during the time of the assessment due to not being able to find a suitable location to collect

samples on private property. In addition, one subsurface soil sample (SB-2) and one soil vapor sample (VP-1) were not collected due to geoprobe refusal at approximately 1.5 feet bgs. Groundwater samples (GW-1 through GW-7) were not collected during the assessment due to geoprobe refusal prior to encountering water.

4.6 Field Observations

Latitude and longitude location data were collected using a hand-held Global Positioning System (GPS) unit at each sample collection location. The GPS field data, sample temperature, pH, and specific conductivity are summarized in **Table 2, Field Data**.

5.0 CURRENT SITE INVESTIGATION

Triad performed site investigation activities at the White Park CERCLIS Site on October 14 through 16, 2019. Digital photographs are provided in the attached **Appendix 3, Site Photographs**. During the site assessment activities, the following samples were collected:

- 11 surface soil samples
- 5 subsurface soil samples, including 1 field duplicate
- 5 surface water samples, including 1 field duplicate
- 8 sediment samples, including 1 field duplicate
- 4 soil vapor samples

5.1 Surface Soil

Triad collected 11 surface soil samples using direct-push technology (DPT) from the following locations:

- Two surface soil samples from contaminated soil at the northwestern portion of the Site, near residential properties, identified as SS-1 and SS-2.
- Two surface soil samples from the eastern portion of the Site, near residential properties, identified as SS-3 (Tank 30) and SS-4 (Tank 50).
- Five surface soil samples at the former AST locations, near Cobun Creek Reservoir, identified as SS-5 (Tank 61), SS-8 (Tank 63), SS-9 (Tank 59), SS-10 (Tank 60), and SS-11 (Tank 62).
- Two surface soil samples at the northern portion of the Site near Tank 74, across Hite Street, identified as SS-6 and SS-7.

5.2 Subsurface Soil

Triad collected five subsurface soil samples, including one field duplicate, via DPT from the following locations:

- One DPT subsurface soil sample from contaminated soil at the northwestern portion of the Site, near residential properties, identified as SB-1.
- Two DPT subsurface soil samples from the eastern portion of the Site, near residential properties, identified as SB-3 (Tank 30) and SB-4 (Tank 50).
- One DPT subsurface soil sample at the former AST location, near Cobun Creek Reservoir, identified as SB-5 (Tank 61).
- Two DPT subsurface soil samples from the northern portion of the Site near Tank 74, across Hite Street, identified as SB-6 and SB-8 (field duplicate of SB-6).

5.3 Surface Water

Triad collected five surface water samples, including one field duplicate, from the following locations:

- One background sample from Cobun Creek, upstream of the Cobun Creek Reservoir and upgradient of the Site, identified as SW-5.
- Three surface water samples from the Cobun Creek Reservoir, identified as SW-1 (collected at a depth of 24.15 feet), SW-2 (collected at a depth of 11.50 feet), and SW-3 (collected at a depth of 6.50 feet).
- Two surface water samples from Cobun Creek, downgradient of the City of Morgantown's secondary drinking water intake, identified as SW-4 and SW-6 (field duplicate of SW-4).

5.4 Sediment

Triad collected eight sediment samples, including one field duplicate, from the following locations:

- Two background samples from Cobun Creek, upstream of the Cobun Creek Reservoir and upgradient of the Site, identified as SD-8 and SD-9 (field duplicate of SD-8).
- Three sediment samples from the Cobun Creek Reservoir, identified as SD-1, SD-2, and SD-3.
- One sediment sample from Cobun Creek, downgradient of the City of Morgantown's secondary drinking water intake, identified as SD-4.
- Two sediment samples from Cobun Creek, upgradient of the Cobun Creek Reservoir, identified as SD-5 and SD-6.

- One sediment sample from a location of a former AST, near the Cobun Creek Reservoir, identified as SD-7.

5.5 Soil Vapor

Triad collected four soil vapor samples from the following locations:

- Two soil vapor samples at the northeastern and northern portion of the Site, near residential properties, identified as VP-2 and VP-3.
- Two soil vapor samples at the eastern portion of the Site, near residential properties, identified as VP-4 and VP-5.

5.6 Quality Control Samples

Triad procured QC samples during the investigation to assess sampling precision, sample temperature preservation, any evidence of cross-contamination, and matrix effect of each media.

The following QC samples were obtained:

- Field duplicates
- Temperature blanks
- Inorganic matrix spike and matrix duplicate (MS/DUP)
- Organic matrix spike and matrix spike duplicate (MS/MSD)

The QC samples met the data quality objectives (DQOs) of the site-specific *SAP*.

5.7 Analytical Procedures and Data Validation Process

Data obtained during SIR activities may be used for a range of purposes by USEPA and the WVDEP. Therefore, based on consultation with the USEPA Region III Site Assessment Officer, data collected were analyzed according to specifications of the current USEPA CLP SOW for organic and inorganic analytes. Triad utilized the USEPA Scribe XML computer program to prepare, track, and manage field sampling documentation. The following is a summary of the analytical procedures and data validation processes:

- Case 48420, Sample Delivery Group (SDG) C0002, consisted of 18 soil samples and 1 water sample analyzed for SVOC. In addition, nine (9) soil samples, one (1) water sample, and one (1) trip blank were analyzed for VOC. Samples were analyzed by Chemtech Consulting Group (CHM) according to CLP SOW SOM02.4 through the RAS

program. Data were validated according to National Functional Guidelines for Organic Superfund Methods Data Review utilizing Environmental Data Exchange and Evaluation System (EXES) and are assigned the Superfund Data Validation Label S3VEM (Stage_3_Validation_Electronic_Manual). The report is included in the attached **Appendix 4, Organic Data Validation Report.**

- Case 48420, SDG C0028, consisted of two (2) trip blanks, three (3) rinsate blanks, one (1) groundwater, four (4) sediment, two (2) soil, and four (4) surface water samples analyzed for VOC. In addition, three (3) rinsate blanks, one (1) groundwater, four (4) soil, four (4) sediment, and four (4) surface water samples analyzed for SVOC. This sample set included three (3) field duplicate samples. Samples were analyzed by CHM according to CLP SOW SOM02.4 through the RAS program. Data were validated according to National Functional Guidelines for Organic Superfund Methods Data Review utilizing Environmental Data EXES and are assigned the Superfund Data Validation Label S3VEM (Stage_3_Validation_Electronic_Manual). The report is included in the attached **Appendix 4, Organic Data Validation Report.**
- Case 48420, SDG MC0002, consisted of six (6) soil samples and one (1) sediment sample analyzed for metals. Samples were analyzed by CHX according to CLP SOW ISM02.4 through the RAS program. Data were validated according to National Functional Guidelines for Inorganic Superfund Methods Data Review utilizing Environmental Data EXES and are assigned the Superfund Data Validation Label S4VEM (Stage_4_Validation_Electronic_Manual). The report is included in the attached **Appendix 5, Inorganic Data Validation Report.**
- Case 48420, SDG MC0003, consisted of four (4) soil samples, including a field duplicate pair, and two (2) sediment samples, consisting of a field duplicate pair, analyzed for metals. Samples were analyzed by CHX according to CLP SOW ISM02.4 through the RAS program. Data were validated according to National Functional Guidelines for Inorganic Superfund Methods Data Review utilizing Environmental Data EXES and are assigned the Superfund Data Validation Label S4VEM (Stage_4_Validation_Electronic_Manual). The report is included in the attached **Appendix 5, Inorganic Data Validation Report.**

- Case 48420, SDG MC0004, consisted of seven (7) soil samples and five (5) sediment samples analyzed for metals. Samples were analyzed by CHX according to CLP SOW ISM02.4 through the RAS program. Data were validated according to National Functional Guidelines for Inorganic Superfund Methods Data Review utilizing Environmental Data EXES and are assigned the Superfund Data Validation Label S4VEM (Stage_4_Validation_Electronic_Manual). The report is included in the attached **Appendix 5, Inorganic Data Validation Report.**
- Case 48420, Project Number DAS R35630, consisted of nine (9) surface water samples analyzed for total metals and nine (9) surface water samples analyzed for dissolved metals. Samples were analyzed by the USEPA Environmental Science Center Region III Laboratory according to Method R3QA155. The report is included in the attached **Appendix 6, Inorganic Surface Water Data Validation Report.**
- Case 48420, Project Number DAS R35633, consisted of four (4) soil vapor samples analyzed for VOC. Samples were analyzed by the USEPA Environmental Science Center Region III Laboratory according to Method TO-15. The report is included in the attached **Appendix 7, Soil Vapor Data Validation Report.**

5.8 Analytical Discussion

Based on the COPCs evaluated at the Site, Triad has reviewed the laboratory analytical data for the most recent SIR investigation to identify and select COCs. A COPC is defined as any individual compound or analyte that was analyzed under the most recent site assessment activities. COCs were selected based on criteria in the USEPA *Risk Assessment Guidance for Superfund (RAGS), Volume 1, Human Health Evaluation Manual (Part A), Interim Final* and the *WV Voluntary Remediation and Redevelopment Act (VRRRA) Guidance Manual (WV Risk-Based Concentrations)*. This criteria requires that to be selected as a COC, a compound or analyte must be detected at least once at a concentration greater than the contract required quantitation limit (CRQL), and at a concentration greater than the applicable *de minimis* value to which it is compared.

The laboratory analytical data were compared by media to the following USEPA environmental criteria and standards to select COCs:

Soil:

- Regional Screening Levels for Chemical Contaminants at Superfund Sites, Residential Soil Screening Levels, November 2019.
- WV Residential Soil and Migration to Groundwater De Minimis Values, Table 60-3B, June 2017.

Surface Water:

- USEPA Region III BTAG Freshwater Screening Benchmarks, July 2006.
- USEPA National Recommended Water Quality Criteria, Human Health for the Consumption of Water + Organisms, 2006.

Sediment:

- USEPA Region III BTAG Freshwater Sediment Screening Benchmarks, August 2006.

Soil Vapor:

- VISL Target Sub-Slab and Near-Source Soil Gas Concentration, June 2015.

Based on our evaluation, the occurrence and distribution of COPCs, selection of COCs, and the specific *de minimis* risk-based value or criteria used for comparison purposes are summarized relative to environmental media in the attached **Tables 3a** through **7**. The frequency of detection and comparison of these data to the applicable environmental *de minimis* Risk Based Concentration (RBC) standards and criteria are presented in the following subsections. The sample locations are depicted on **Figure 3, CLP Sample Location Map** and **Figure 4, CLP Background Sample Location Map**.

5.8.1 Surface Soil Sample Results

The CLP TAL total metals (inorganics) and TCL SVOC were analyzed in 11 surface soil samples collected from various areas throughout the Site.

Arsenic, cobalt, iron, manganese, thallium, vanadium, benzo(a) anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene were detected at concentrations greater than their respective residential soil benchmark values; therefore, are considered COCs. However, inorganics were not detected at concentrations greater than their respective natural background

values for West Virginia soils in most samples collected. Arsenic and iron were detected at two surface soil sample locations (SS-3 and SS-6) at concentrations greater than their natural background values and residential soil de minimis values. In addition, cobalt and thallium were detected at one surface soil sample location (SS-4) at concentrations greater than their respective natural background values and residential soil de minimis values. All other inorganics and SVOC were either not detected at concentrations greater than the CRQL or were detected at concentrations less than their respective benchmark values.

Barium, cadmium, copper, lead, nickel, selenium, naphthalene, dibenzofuran, pyrene, and chrysene were detected at concentrations greater than their respective migration to groundwater values.

The occurrence, distribution and selection of COPCs, selection of COCs, and the specific risk-based value or criteria used for comparison are summarized in **Table 3a** through **3b**, ***Occurrence, Distribution, and Selection of COCs – Surface Soil***.

5.8.2 Subsurface Soil Sample Results

The CLP TAL inorganics, TCL VOC and SVOC were analyzed in five subsurface soil samples, including one field duplicate, collected from various areas throughout the Site.

Arsenic, cobalt, iron, manganese, thallium, and vanadium were detected at concentrations greater than their respective residential soil benchmark values; therefore, are considered COCs. However, inorganics were not detected at concentrations greater than their respective natural background values for West Virginia soils in most samples collected. Cobalt and iron at subsurface soil sample location SB-4, iron at subsurface soil sample location SB-5, and arsenic, iron, and thallium at subsurface soil sample location SB-8 were detected at concentrations greater than their natural background values and residential soil de minimis values. All other inorganics, VOC, and SVOC were either not detected at concentrations greater than the CRQL or were detected at concentrations less than their respective benchmark values.

Barium, lead, nickel, and selenium were detected at concentrations greater than their respective migration to groundwater values.

The occurrence, distribution and selection of COPCs, selection of COCs, and the specific risk-based value or criteria used for comparison are summarized in **Table 4a** through **4c**, ***Occurrence, Distribution, and Selection of COCs – Subsurface Soil***. Soil boring logs are provided in **Appendix 8, Soil Boring Logs**.

5.8.3 Surface Water Sample Results

The CLP TAL inorganics, TCL VOC, and SVOC were analyzed in five surface water samples, including one field duplicate, collected from Cobun Creek and the Cobun Creek Reservoir.

Aluminum, barium, iron, manganese, nickel, and selenium were detected at concentrations greater than their respective USEPA Region III BTAG, Freshwater Screening Benchmarks; therefore, are considered COCs. All other inorganics, VOC, and SVOC were either not detected at concentrations greater than the CRQL, or were detected at concentrations less than their respective benchmark values.

The occurrence, distribution and selection of COPCs, selection of COCs, and the specific risk-based value or criteria used for comparison are summarized in **Table 5a** through **5c**, ***Occurrence, Distribution, and Selection of COCs – Surface Water***.

5.8.4 Sediment Sample Results

The CLP TAL inorganics, TCL VOC, and SVOC were analyzed in eight sediment samples, including one field duplicate, from Cobun Creek, the Cobun Creek Reservoir, and one former AST location at the Site.

Arsenic, cadmium, copper, iron, lead, manganese, nickel, selenium, and zinc were detected at concentrations greater than their respective USEPA Region III BTAG Freshwater Sediment Screening Benchmarks; therefore, are considered COCs. All other inorganics, VOC, and SVOC were either not detected at concentrations greater than the CRQL or were detected at concentrations less than their respective de minimis standards.

The occurrence, distribution and selection of COPCs, selection of COCs, and the specific risk-based value or criteria used for comparison are summarized in **Table 6a through 6c, Occurrence, Distribution, and Selection of COCs – Sediment.**

5.8.5 Soil Vapor Results

The TO-15 VOC were analyzed in four soil vapor samples collected in the vicinity of residential properties located along the Site boundary.

All VOC were either not detected at concentrations greater than the CRQL, or were detected at concentrations less than their respective VISL standards.

The occurrence, distribution and selection of COPCs, selection of COCs, and the specific risk-based value or criteria used for comparison are summarized in **Table 7, Occurrence, Distribution, and Selection of COCs – Soil Vapor.**

5.7 COC Selection

Triad selected COCs based on the occurrence, distribution, and frequency of detection for COPCs using the rationale summarized in USEPA RAGS and Section 2.6 of the VRRDA Guidance Manual. To be selected as a COC, a compound or analyte had to be detected at least once at a concentration greater than the CRQL, and at a concentration greater than the applicable *de minimis* value to which it was compared. Based on a review of the data collected during the current site assessment activities, the following table summarizes the COCs by media that were observed at the White Park CERCLIS site:

Contaminants of Concern	
Surface Soil	
SS-2	Benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene
SS-3	Arsenic and iron
SS-4	Cobalt and thallium
SS-6	Arsenic, iron, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene
SS-7	Benzo(b)fluoranthene

Contaminants of Concern	
SS-10	Benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene
SS-11	Benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)pyrene
Subsurface Soil	
SB-4	Cobalt and iron
SB-5	Iron
SB-8 (FD of SB-6)	Arsenic, iron, and thallium
Surface Water	
SW-1	Aluminum, barium, iron, and manganese
SW-2	Barium, manganese, selenium, and nickel
SW-3	Barium and manganese
SW-4	Barium
SW-5 (Background)	Barium and iron
SW-6 (FD of SW-5)	Barium, iron, and manganese
Sediment	
SD-1	Nickel and zinc
SD-2	Nickel and zinc
SD-4	Manganese and selenium
SD-5	Arsenic, cadmium, copper, iron, lead, nickel, and zinc
SD-6	Nickel
SD-7	Arsenic, iron, nickel, and zinc
SD-8 (Background)	Arsenic

6.0 SUMMARY AND RECOMMENDATIONS

The White Park CERCLIS Site is located in the southwestern portion of Morgantown, Monongalia County, West Virginia. The Site has CERCLIS site designation WVD988766168. The site is not on the NPL, and the current CERCLIS status is Active with a “SI Start Needed” status.

White Park lies at the northern end of an approximately 700-acre area that was operated as a crude oil tank farm from the late 1800’s through the early 1960’s, which was operated by Standard Oil and its subsidiary, the Eureka Pipe Line Company. Access to the Site is unrestricted.

A Preliminary HRS site score of 35.20 was calculated for the Site and a CERCLA site investigation was recommended. In April 1989, WVDNR WMS Site Investigation and Response personnel inspected the Site and a second HRS site score of 36.87 was calculated. In 1998, reclamation

work was completed by the Eureka Pipe Line Company at three dike areas with exposed hydrocarbon residues. These activities were not considered in the previously generated HRS site scores. Subsequently, the WVDEP, OER determined further assessment was warranted to determine potential risk associated with the Site and if the Site should undergo further investigation under CERCLA. As part of a 2004 Executive Summary, an HRS site score of 0.0 was calculated for the Site. This score could be underestimated due to data gaps, such as lack of groundwater quality data and subsurface soil data as well as current surface water quality data from the Cobun Creek Reservoir. In 2009, Triad calculated a preliminary HRS site score of 42.49. The source of contamination was a surface impoundment associated with former Tank 40. A release of petroleum products and measured COCs were observed. The Cobun Creek Reservoir, a secondary source of drinking water for the City of Morgantown, is approximately 100 feet downgradient of the source of contamination.

COPC investigated in surface soil, subsurface soil, groundwater, surface water, and sediment included inorganics, VOC, and SVOC. In addition, COPC investigated in soil vapor included VOC. COC were selected based on the identification of analytes that exceeded their respective benchmark values. A conceptual site model, which is presented on the attached **Figure 5, Conceptual Site Model**, was developed to identify potential routes of exposure that could impact human health or ecological receptors.

Laboratory analytical results revealed arsenic, iron, and thallium were detected in surface soil and subsurface soil collected throughout the Site at concentrations exceeding their respective residential soil benchmarks. Polynuclear aromatic hydrocarbons (PAH) were detected in surface soil at concentrations exceeding their respective residential soil benchmarks.

Inorganics were detected at concentrations greater than their respective USEPA Region III BTAG, Freshwater Screening Benchmarks for surface water samples collected from Cobun Creek and the Cobun Creek Reservoir. Barium was detected at a concentration greater than its respective benchmark in surface water during the previous 2009 assessment. Inorganics were detected in sediment at concentrations greater than their respective USEPA Region III BTAG Freshwater Sediment Screening Benchmarks. Inorganics and PAH were detected at concentrations greater than their respective screening benchmarks in sediment during the previous 2009 assessment.

Based on the current site assessment activities, additional remedial activities may be warranted to protect human health and the environment from the previously identified on-site contaminants. Therefore, Triad recommends the following with regard to the White Park CERCLIS Site:

- Entering the Site into the West Virginia Voluntary Remediation Program (VRP) to evaluate human health and ecological receptors and remedial options for COC identified at the Site.

7.0 REFERENCES

Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final, December 1989.

Risk Assessment Guidance for Superfund, Volume II, Environmental Evaluation Manual.

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World Climate Website

www.worldclimate.com

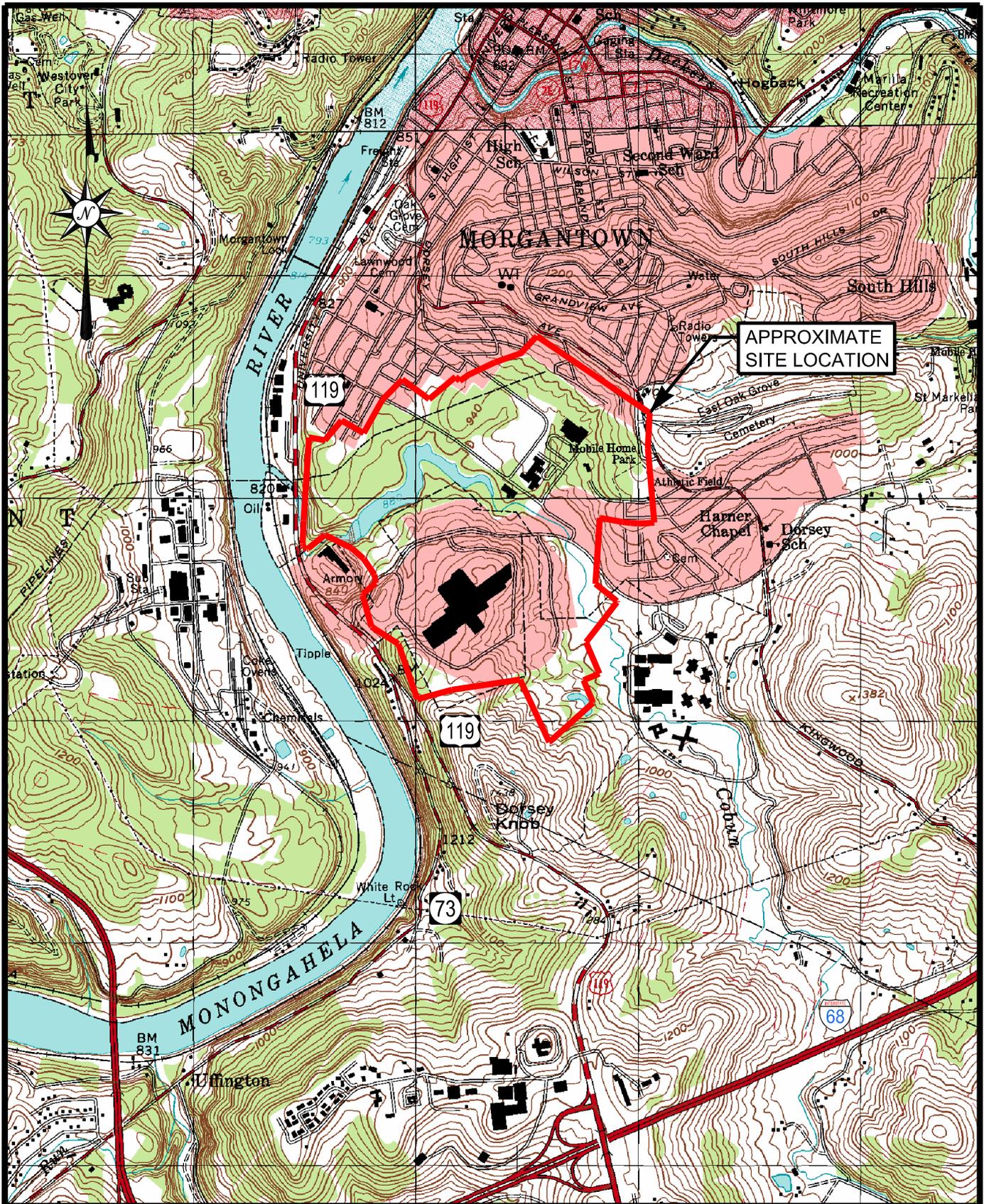
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Morgantown South, W.VA. 7.5-minute topographic quadrangle map. U.S. Geological Survey.

West Virginia Voluntary Remediation and Redevelopment Act Guidance Manual. West Virginia Department of Environmental Protection, Office of Environmental Remediation, September 2019.

Site Inspection Reassessment Report, Triad Engineering, Inc., December 2009.

FIGURES



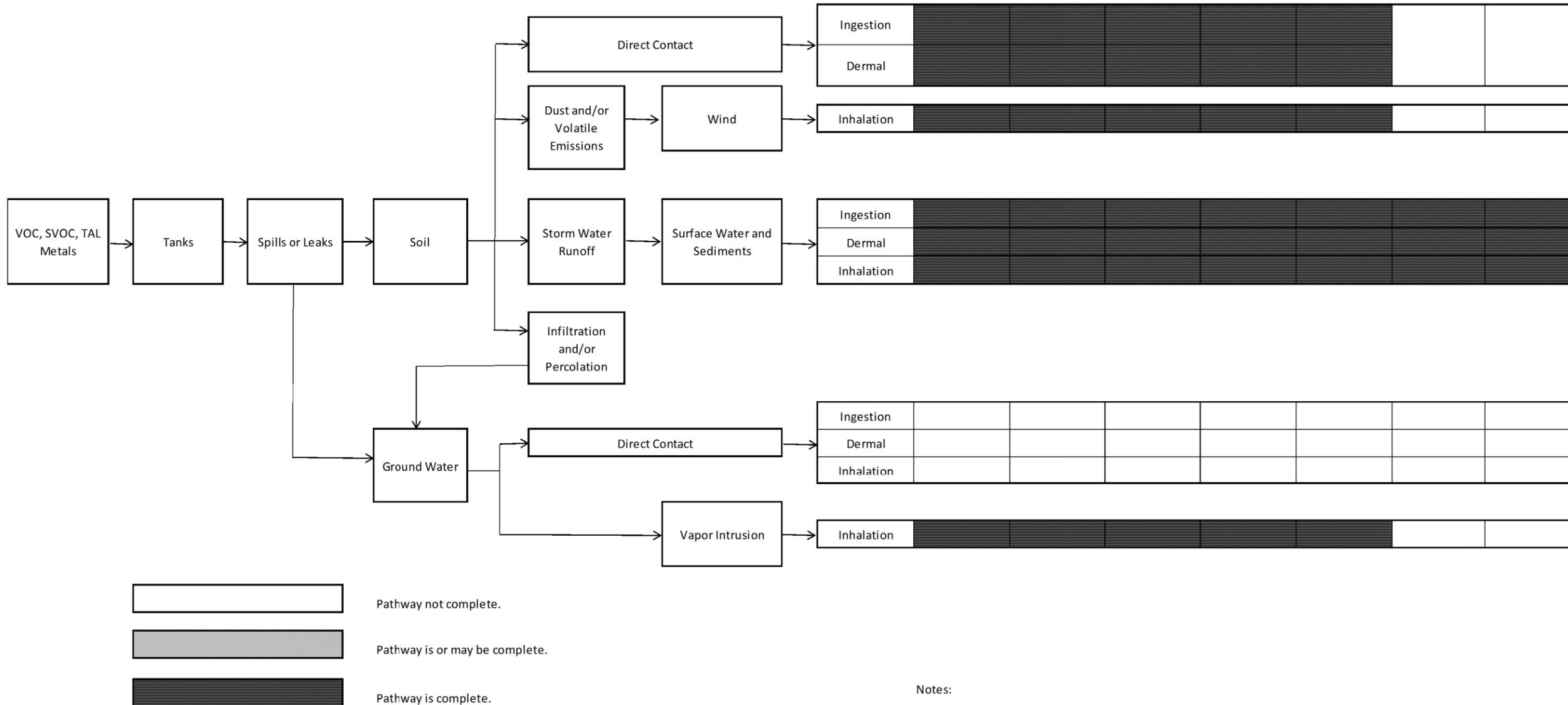
CADD FILE: Figure 1_site location.dgn	
DRAWN BY: MAD	CHECKED BY: SLC
DATE: 05-29-2019	SCALE: 1"= 2000'

WHITE PARK CERCLIS SITE
 MORGANTOWN, MONONGALIA COUNTY, WV
 Morgantown South, WV USGS Quadrangle (1997)
SITE LOCATION MAP

PROJECT NO: 04-18-0285 FIGURE 1


TRIAD ENGINEERING, INC.
www.triadeng.com
 10541 TEAYS VALLEY ROAD
 SCOTT DEPOT, WV

SITE HISTORY			SITE PHYSICAL CHARACTERISTICS			ENVIRONMENTAL RECEPTORS							
Contaminants of Potential Concern	Primary Source	Primary Release Mechanism	Secondary Media	Secondary Release Mechanism	Pathway	HUMAN						BIOTA	
						Exposure Route	Area Residents	Site Workers	Site Visitors	Construction & Utility Workers	Recreators	Terrestrial	Aquatic



Notes:

- a) Model based on previous environmental sample data.
- b) Model assumes that the future development scenarios will be limited to commercial options. Residential development will be controlled by deed restrictions.
- c) Model assumes non-building areas of the site will remain paved.

TRIAD ENGINEERING, INC.

10541 TEAYS VALLEY ROAD
 SCOTT DEPOT, WV 25560
 PH: 304.755.0721 FAX: 304.755.1880

OFFICE LOCATIONS
 MARYLAND - OHIO - PENNSYLVANIA - VIRGINIA - WEST VIRGINIA

CADD FILE: Figure 5_conceptual site model.dgn		PROJECT NO: 04-18-0285		CHECKED BY: SLC	
DRAWN BY: MAD		DATE: 04-16-2020		SCALE: N.T.S.	

WHITE PARK CERCLIS SITE
 MORGANTOWN, WV

CONCEPTUAL SITE MODEL



FIGURE NUMBER:

5

PROJECT NO.: 04-18-0285

TABLES

**Table 1, Sampling and Analysis Summary
White Park
WVD988766168
Morgantown, Monongalia County, West Virginia**

LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SS-1	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0002	1005	
SS-1	Surface Soil (0"-12")	CLP TAL Total Metals - SOIL	MC0002	1006	
SS-2	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0003		
SS-2	Surface Soil (0"-12")	CLP TAL Total Metals - SOIL	MC0003		
SS-3	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0004	1017	
SS-3	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0004	1018	
SS-4	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0005	1023	
SS-4	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0005	1024	
SS-5	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0006	1029	
SS-5	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0006	1030	
SS-6	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0007	1035	
SS-6	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0007	1036	
SS-7	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0008	1041	
SS-7	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0008	1042	
SS-8	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0009	1047	
SS-8	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0009	1048	
SS-9	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0010	1053	
SS-9	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0010	1054	
SS-10	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0011	1059	
SS-10	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0011	1060	
SS-11	Surface Soil (0"-12")	CLP TCL Semivolatiles - SOIL	C0012	1065	
SS-11	Surface Soil (0"-12")	CLP TCL Total Metals - SOIL	MC0012	1066	
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1074	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1075	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1076	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1077	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1078	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1079	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1080	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1081	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1082	MS/MSD

**Table 1, Sampling and Analysis Summary
White Park
WVD988766168
Morgantown, Monongalia County, West Virginia**

LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1083	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1084	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0015	1085	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0015	1086	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0015	1087	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0015	1088	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Total Metals - SOIL	MC0015	1090	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Total Metals - SOIL	MC0015	1091	MS/MSD
SB-1	Subsurface Soil (>12")	CLP TCL Total Metals - SOIL	MC0015	1092	MS/MSD
SB-3	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0017	1099	
SB-3	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0017	1100	
SB-3	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0017	1101	
SB-3	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0017	1102	
SB-3	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0017	1103	
SB-3	Subsurface Soil (>12")	CLP TAL Total Metals - SOIL	MC0017	1104	
SB-4	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0018	1105	
SB-4	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0018	1106	
SB-4	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0018	1107	
SB-4	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0018	1108	
SB-4	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0018	1109	
SB-4	Subsurface Soil (>12")	CLP TAL Total Metals - SOIL	MC0018	1110	
SB-5	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0019	1111	
SB-5	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0019	1112	
SB-5	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0019	1113	
SB-5	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0019	1114	
SB-5	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0019	1115	
SB-5	Subsurface Soil (>12")	CLP TAL Total Metals - SOIL	MC0019	1116	
SB-6	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0020	1117	
SB-6	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0020	1118	
SB-6	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0020	1119	
SB-6	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0020	1120	

**Table 1, Sampling and Analysis Summary
White Park
WVD988766168
Morgantown, Monongalia County, West Virginia**

LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SB-6	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0020	1121	
SB-6	Subsurface Soil (>12")	CLP TAL Total Metals - SOIL	MC0020	1122	
SB-8	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0022	1129	FD of SB6
SB-8	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0022	1130	FD of SB6
SB-8	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0022	1131	FD of SB6
SB-8	Subsurface Soil (>12")	CLP TCL Volatiles - SOIL	C0022	1132	FD of SB6
SB-8	Subsurface Soil (>12")	CLP TCL Semivolatiles - SOIL	C0022	1133	FD of SB6
SB-8	Subsurface Soil (>12")	CLP TAL Total Metals - SOIL	MC0022	1134	FD of SB6
SD-1	Sediment	CLP TCL Volatiles - SOIL	C0023	1135	
SD-1	Sediment	CLP TCL Volatiles - SOIL	C0023	1136	
SD-1	Sediment	CLP TCL Volatiles - SOIL	C0023	1137	
SD-1	Sediment	CLP TCL Volatiles - SOIL	C0023	1138	
SD-1	Sediment	CLP TCL Semivolatiles - SOIL	C0023	1139	
SD-1	Sediment	CLP TAL Total Metals - SOIL	MC0023	1140	
SD-2	Sediment	CLP TCL Volatiles - SOIL	C0024	1141	
SD-2	Sediment	CLP TCL Volatiles - SOIL	C0024	1142	
SD-2	Sediment	CLP TCL Volatiles - SOIL	C0024	1143	
SD-2	Sediment	CLP TCL Volatiles - SOIL	C0024	1144	
SD-2	Sediment	CLP TCL Semivolatiles - SOIL	C0024	1145	
SD-2	Sediment	CLP TAL Total Metals - SOIL	MC0024	1146	
SD-3	Sediment	CLP TCL Volatiles - SOIL	C0025	1147	
SD-3	Sediment	CLP TCL Volatiles - SOIL	C0025	1148	
SD-3	Sediment	CLP TCL Volatiles - SOIL	C0025	1149	
SD-3	Sediment	CLP TCL Volatiles - SOIL	C0025	1150	
SD-3	Sediment	CLP TCL Semivolatiles - SOIL	C0025	1151	
SD-3	Sediment	CLP TAL Total Metals - SOIL	MC0025	1152	Not Analyzed
SD-4	Sediment	CLP TCL Volatiles - SOIL	C0026	1153	
SD-4	Sediment	CLP TCL Volatiles - SOIL	C0026	1154	
SD-4	Sediment	CLP TCL Volatiles - SOIL	C0026	1155	
SD-4	Sediment	CLP TCL Volatiles - SOIL	C0026	1156	
SD-4	Sediment	CLP TCL Semivolatiles - SOIL	C0026	1157	

**Table 1, Sampling and Analysis Summary
White Park
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LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SD-4	Sediment	CLP TAL Total Metals	MC0026	1158	
SD-5	Sediment	CLP TCL Volatiles - SOIL	C0027	1159	
SD-5	Sediment	CLP TCL Volatiles - SOIL	C0027	1160	
SD-5	Sediment	CLP TCL Volatiles - SOIL	C0027	1161	
SD-5	Sediment	CLP TCL Volatiles - SOIL	C0027	1162	
SD-5	Sediment	CLP TCL Semivolatiles - SOIL	C0027	1163	
SD-5	Sediment	CLP TAL Total Metals - SOIL	MC0027	1164	
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1165	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1166	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1167	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1168	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1169	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1170	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1171	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1172	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1173	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1174	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1175	MS/MSD
SD-6	Sediment	CLP TCL Volatiles - SOIL	C0028	1176	MS/MSD
SD-6	Sediment	CLP TCL Semivolatiles - SOIL	C0028	1177	MS/MSD
SD-6	Sediment	CLP TCL Semivolatiles - SOIL	C0028	1178	MS/MSD
SD-6	Sediment	CLP TCL Semivolatiles - SOIL	C0028	1179	MS/MSD
SD-6	Sediment	CLP TAL Total Metals - SOIL	MC0028	1180	MS/MSD
SD-6	Sediment	CLP TAL Total Metals - SOIL	MC0028	1181	MS/MSD
SD-6	Sediment	CLP TAL Total Metals - SOIL	MC0028	1182	MS/MSD
SD-7	Sediment	CLP TCL Volatiles - SOIL	C0029	1183	
SD-7	Sediment	CLP TCL Volatiles - SOIL	C0029	1184	
SD-7	Sediment	CLP TCL Volatiles - SOIL	C0029	1185	
SD-7	Sediment	CLP TCL Volatiles - SOIL	C0029	1186	
SD-7	Sediment	CLP TCL Semivolatiles - SOIL	C0029	1187	
SD-7	Sediment	CLP TAL Total Metals - SOIL	MC0029	1188	

**Table 1, Sampling and Analysis Summary
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LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SD-8	Sediment	CLP TCL Volatiles - SOIL	C0030	1189	
SD-8	Sediment	CLP TCL Volatiles - SOIL	C0030	1190	
SD-8	Sediment	CLP TCL Volatiles - SOIL	C0030	1191	
SD-8	Sediment	CLP TCL Volatiles - SOIL	C0030	1192	
SD-8	Sediment	CLP TCL Semivolatiles - SOIL	C0030	1193	
SD-8	Sediment	CLP TAL Total Metals - SOIL	MC0030	1194	
SD-9	Sediment	CLP TCL Volatiles - SOIL	C0062	1374	FD of SD8
SD-9	Sediment	CLP TCL Volatiles - SOIL	C0062	1375	FD of SD8
SD-9	Sediment	CLP TCL Volatiles - SOIL	C0062	1376	FD of SD8
SD-9	Sediment	CLP TCL Volatiles - SOIL	C0062	1377	FD of SD8
SD-9	Sediment	CLP TCL Semivolatiles - SOIL	C0062	1378	FD of SD8
SD-9	Sediment	CLP TAL Total Metals - SOIL	MC0062	1379	FD of SD8
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1263	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1264	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1265	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1305	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1306	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1307	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1298	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1299	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0041	1300	MS/MSD
SW-1	Surface Water	CLP TCL Semivolatiles - AQ	C0041	1266	MS/MSD
SW-1	Surface Water	CLP TCL Semivolatiles - AQ	C0041	1267	MS/MSD
SW-1	Surface Water	CLP TCL Semivolatiles - AQ	C0041	1308	MS/MSD
SW-1	Surface Water	CLP TCL Semivolatiles - AQ	C0041	1309	MS/MSD
SW-1	Surface Water	CLP TCL Semivolatiles - AQ	C0041	1301	MS/MSD
SW-1	Surface Water	CLP TCL Semivolatiles - AQ	C0041	1302	MS/MSD
SW-1	Surface Water	CLP TAL Total Metals - AQ	MC0041	1268	MS/MSD
SW-1	Surface Water	CLP TAL Total Metals - AQ	MC0041	1310	MS/MSD
SW-1	Surface Water	CLP TAL Total Metals - AQ	MC0041	1303	MS/MSD
SW-1	Surface Water	CLP TAL Dissolved Metals - AQ	MC0041	1269	MS/MSD

**Table 1, Sampling and Analysis Summary
White Park
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LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SW-1	Surface Water	CLP TAL Dissolved Metals - AQ	MC0041	1311	MS/MSD
SW-1	Surface Water	CLP TAL Dissolved Metals - AQ	MC0041	1304	MS/MSD
SW-1	Surface Water	CLP TCL Volatiles - AQ	C0042	1270	
SW-2	Surface Water	CLP TCL Volatiles - AQ	C0042	1271	
SW-2	Surface Water	CLP TCL Volatiles - AQ	C0042	1272	
SW-2	Surface Water	CLP TCL Semivolatiles - AQ	C0042	1273	
SW-2	Surface Water	CLP TCL Semivolatiles - AQ	C0042	1274	
SW-2	Surface Water	CLP TAL Total Metals - AQ	MC0042	1275	
SW-2	Surface Water	CLP TAL Dissolved Metals - AQ	MC0042	1276	
SW-3	Surface Water	CLP TCL Volatiles - AQ	C0043	1277	
SW-3	Surface Water	CLP TCL Volatiles - AQ	C0043	1278	
SW-3	Surface Water	CLP TCL Volatiles - AQ	C0043	1279	
SW-3	Surface Water	CLP TCL Semivolatiles - AQ	C0043	1280	
SW-3	Surface Water	CLP TCL Semivolatiles - AQ	C0043	1281	
SW-3	Surface Water	CLP TAL Total Metals - AQ	MC0043	1282	
SW-3	Surface Water	CLP TAL Dissolved Metals - AQ	MC0043	1283	
SW-4	Surface Water	CLP TCL Volatiles - AQ	C0044	1284	
SW-4	Surface Water	CLP TCL Volatiles - AQ	C0044	1285	
SW-4	Surface Water	CLP TCL Volatiles - AQ	C0044	1286	
SW-4	Surface Water	CLP TCL Semivolatiles - AQ	C0044	1287	
SW-4	Surface Water	CLP TCL Semivolatiles - AQ	C0044	1288	
SW-4	Surface Water	CLP TAL Total Metals - AQ	MC0044	1289	
SW-4	Surface Water	CLP TAL Dissolved Metals - AQ	MC0044	1290	
SW-5	Surface Water	CLP TCL Volatiles - AQ	C0045	1291	
SW-5	Surface Water	CLP TCL Volatiles - AQ	C0045	1292	
SW-5	Surface Water	CLP TCL Volatiles - AQ	C0045	1293	
SW-5	Surface Water	CLP TCL Semivolatiles - AQ	C0045	1294	
SW-5	Surface Water	CLP TCL Semivolatiles - AQ	C0045	1295	
SW-5	Surface Water	CLP TAL Total Metals - AQ	MC0045	1296	
SW-5	Surface Water	CLP TAL Dissolved Metals - AQ	MC0045	1297	
SW-6	Surface Water	CLP TCL Volatiles - AQ	C0046	1312	FD of SW-5

**Table 1, Sampling and Analysis Summary
White Park
WVD988766168
Morgantown, Monongalia County, West Virginia**

LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SW-6	Surface Water	CLP TCL Volatiles - AQ	C0046	1313	FD of SW-5
SW-6	Surface Water	CLP TCL Volatiles - AQ	C0046	1314	FD of SW-5
SW-6	Surface Water	CLP TCL Semivolatiles - AQ	C0046	1315	FD of SW-5
SW-6	Surface Water	CLP TCL Semivolatiles - AQ	C0046	1316	FD of SW-5
SW-6	Surface Water	CLP TAL Total Metals - AQ	MC0046	1317	FD of SW-5
SW-6	Surface Water	CLP TAL Dissolved Metals - AQ	MC0046	1318	FD of SW-5
SW-7	Surface Water	CLP TCL Volatiles - AQ	C0047	1319	Trip Blank
SW-7	Surface Water	CLP TCL Volatiles - AQ	C0047	1320	Trip Blank
SW-7	Surface Water	CLP TCL Volatiles - AQ	C0047	1321	Trip Blank
SW-8	Surface Water	CLP TCL Volatiles - AQ	C0048	1322	Trip Blank
SW-8	Surface Water	CLP TCL Volatiles - AQ	C0048	1323	Trip Blank
SW-8	Surface Water	CLP TCL Volatiles - AQ	C0048	1324	Trip Blank
SW-10	Surface Water	CLP TCL Volatiles - AQ	C0050	1328	Trip Blank
SW-10	Surface Water	CLP TCL Volatiles - AQ	C0050	1329	Trip Blank
SW-10	Surface Water	CLP TCL Volatiles - AQ	C0050	1330	Trip Blank
SW-11	Surface Water	CLP TCL Volatiles - AQ	C0051	1331	Rinsate
SW-11	Surface Water	CLP TCL Volatiles - AQ	C0051	1332	Rinsate
SW-11	Surface Water	CLP TCL Volatiles - AQ	C0051	1333	Rinsate
SW-11	Surface Water	CLP TCL Semivolatiles - AQ	C0051	1334	Rinsate
SW-11	Surface Water	CLP TCL Semivolatiles - AQ	C0051	1335	Rinsate
SW-11	Surface Water	CLP TAL Total Metals - AQ	MC0051	1336	Rinsate
SW-11	Surface Water	CLP TAL Dissolved Metals - AQ	MC0051	1337	Rinsate
SW-12	Surface Water	CLP TCL Volatiles - AQ	C0052	1338	Rinsate
SW-12	Surface Water	CLP TCL Volatiles - AQ	C0052	1339	Rinsate
SW-12	Surface Water	CLP TCL Volatiles - AQ	C0052	1340	Rinsate
SW-12	Surface Water	CLP TCL Semivolatiles - AQ	C0052	1341	Rinsate
SW-12	Surface Water	CLP TCL Semivolatiles - AQ	C0052	1342	Rinsate
SW-12	Surface Water	CLP TAL Total Metals - AQ	MC0052	1343	Rinsate
SW-12	Surface Water	CLP TAL Dissolved Metals - AQ	MC0052	1344	Rinsate
SW-13	Surface Water	CLP TCL Volatiles - AQ	C0053	1345	Rinsate
SW-13	Surface Water	CLP TCL Volatiles - AQ	C0053	1346	Rinsate

**Table 1, Sampling and Analysis Summary
White Park
WVD988766168
Morgantown, Monongalia County, West Virginia**

LOCATION	MATRIX	ANALYSIS	CLP SAMPLE	TAG NUMBER	COMMENTS
SW-13	Surface Water	CLP TCL Volatiles - AQ	C0053	1347	Rinsate
SW-13	Surface Water	CLP TCL Semivolatiles - AQ	C0053	1348	Rinsate
SW-13	Surface Water	CLP TCL Semivolatiles - AQ	C0053	1349	Rinsate
SW-13	Surface Water	CLP TAL Total Metals - AQ	MC0053	1350	Rinsate
SW-13	Surface Water	CLP TAL Dissolved Metals - AQ	MC0053	1351	Rinsate
VP-2	Soil Vapor	TO-15 VOC	C0057		
VP-3	Soil Vapor	TO-15 VOC	C0058		
VP-4	Soil Vapor	TO-15 VOC	C0059		
VP-5	Soil Vapor	TO-15 VOC	C0060		

**Table 2, Field Data
White Park CERLCIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia**

Location Description	Latitude	Longitude	pH	Temperature (°C)
SS-1	39.61230°	79.96730°	N/A	N/A
SS-2	39.61268°	79.96545°	N/A	N/A
SS-3	39.60997°	79.95243°	N/A	N/A
SS-4	39.61223°	79.95163°	N/A	N/A
SS-5	39.61078°	79.96815°	N/A	N/A
SS-6	39.61223°	79.95163°	N/A	N/A
SS-7	39.61559°	79.95915°	N/A	N/A
SS-8	39.61320°	79.96478°	N/A	N/A
SS-9	39.60920°	79.96654°	N/A	N/A
SS-10	39.60920°	79.96654°	N/A	N/A
SS-11	39.60920°	79.96654°	N/A	N/A
SB-1	39.61230°	79.96730°	N/A	N/A
SB-3	39.60997°	79.95243°	N/A	N/A
SB-4	39.61223°	79.95163°	N/A	N/A
SB-5	39.61078°	79.96815°	N/A	N/A
SB-6	39.61223°	79.95163°	N/A	N/A
SB-8	39.61223°	79.95163°	N/A	N/A
SD-1	39.60933°	79.96539°	N/A	N/A
SD-2	39.61014°	79.96336°	N/A	N/A
SD-3	39.61159°	79.96353°	N/A	N/A
SD-4	39.609185°	79.96655°	N/A	N/A
SD-5	39.61192°	79.96382°	N/A	N/A
SD-6	39.61175°	79.96211°	N/A	N/A
SD-7	39.61225°	79.96410°	N/A	N/A
SD-8	39.59124°	79.94113°	N/A	N/A
SD-9	39.59124°	79.94113°	N/A	N/A
SW-1	39.60933°	79.96539°	7.68	20.0
SW-2	39.61014°	79.96336°	7.56	19.1
SW-3	39.61159°	79.96353°	7.66	19.5
SW-4	39.609185°	79.96655°	7.87	20.1
SW-5	39.59124°	79.94113°	7.61	20.2
SW-6	39.60933°	79.96539°	7.68	20.0
VP-2	39.61230°	79.96730°	N/A	N/A
VP-3	39.61373°	79.96357°	N/A	N/A
VP-4	39.61215°	79.95162°	N/A	N/A

**Table 2, Field Data
White Park CERLCIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia**

Location Description	Latitude	Longitude	pH	Temperature (°C)
VP-5	39.60997°	79.95235°	N/A	N/A

Table 3a, Occurrence, Distribution, and Selection of COCs
Surface Soil
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)											Frequency		Concentration		Screening Level			COC?
		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)	
Inorganics																				
Aluminum	20	9,180	7960	11,900	11,300	8,030	6,670	8,480	4,240	813	7410	8,750	11	11	813	11,900	7,700	77,000	30,000	NO
Antimony	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	3.1	31	0.35	NO
Arsenic	1	3.9	6.4	17.1	7.3	6.1	16.4	11.8	3	1	12.1	7.1	11	11	1	17.1	0.68	0.43	0.29	YES
Barium	20	43.2	63.1	37.4	334	50.4	82.3	140	55.1	15.5	J 75	103	11	11	15.5	334	1,500	15,000	82	YES
Beryllium	0.5	0.44 J	0.49 J	0.9	0.96	0.4 J	0.73	0.83	0.35 J	0.89	1.4	0.95	11	11	0.35	1.4	16	160	3.2	NO
Cadmium	0.5	0.53	0.2	J 0.12	J 0.18	J 0.069	J 0.31	J 0.68	0.22	J 0.31	J 0.25	J 0.4	11	11	0.069	0.68	7.1	37	0.38	YES
Calcium	500	372 J	313 J	951	3,930	249 J	75,200	4,410	920	750	577	5,050	11	11	249	75,200	NV	NV	NV	NO
Chromium	1	14.7	13.9	47.1	21.8	13.1	30.6	15.4	6.8	1.7	15.4	18.9	11	11	1.7	47.1	12,000	120,000	40,000,000	NO
Cobalt	5	5.6	12.8	13	29.1	7.3	18.7	12.2	10.5	15.4	8.7	9.5	11	11	5.6	29.1	2.3	23	0.27	YES
Copper	2.5	11.3	10	13.7	38.4	9.6	16.5	28.6	11.4	3.4	13.1	57.7	11	11	3.4	57.7	310	3,100	28	YES
Iron	10	23,700	18,400	80,000	37,300	17,100	45,400	22,200	5,850	2,640	21,700	27,600	11	11	2,640	80,000	5,500	55,000	350	YES
Lead	1	13.8	59.6	23.7	18.7	20	39	83.6	28.3	35.9	39.4	63.7	11	11	13.8	83.6	400	400	14	YES
Magnesium	500	1,150	586	819	1,590	564	3,550	1,160	493 J	179 J	438 J	825	11	11	179	3,550	NV	NV	NV	NO
Manganese	1.5	160	462	523	1,120	284	735	787	254	28.6	123	344	11	11	28.6	1120	180	3,500	55	YES
Nickel	4	13.4	9.8	22.8	38.3	8.6	20.4	23	6.9	25.7	11	21.2	11	11	6.9	38.3	150	1,500	26	YES
Potassium	500	705	432 J	659	1,170	449 J	627	1,020	422 J	96.6 J	411 J	1,300	11	11	97	1,300	NV	NV	NV	NO
Selenium	3.5	0.58	J 0.52	J ND	ND	ND	0.85	J ND	0.88	J ND	1.2	J 1	6	11	1	1.2	39	390	0.26	YES
Silver	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	39	390	0.8	NO
Sodium	500	ND	ND	ND	80.2 J	ND	96.3 J	83.9 J	ND	ND	ND	ND	3	11	80.2	96.3	NV	NV	NV	NO
Thallium	2.5	ND	ND	0.66	J 1.2	J ND	0.43	J ND	ND	ND	ND	ND	3	11	0.43	1.2	0.078	0.78	0.14	YES
Vanadium	5	21.4	21.2	66.5	30.6	26.8	27.1	27.1	9.6	1.6	J 27.1	26.9	11	11	1.6	66.5	39	5.5	1.2	YES
Zinc	6	36.7	66.6	54.2	91.1	23	80.9	207	29.8	81.3	37.1	128	11	11	23	207	2,300	23,000	370	NO

Notes:
CRQL Contract Required Quantitation Limit.
NV No value available.
ND Not detected at concentration greater than the CRDL.
J Analyte present. Reported value may not be accurate or precise.
UJ Noted detected, quantitation limit may be inaccurate or imprecise.
¹ Regional Screening Levels for Chemical Contaminants at Superfund Sites (November 2019) residential soil samples.
² WV De Minimis Table 60-3B, June 2017
Bold indicates result exceeds benchmark.

Table 3b, Occurrence, Distribution, and Selection of COCs
Surface Soil
White Park CERCLIS Site
WV988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)											Frequency		Concentration		Screening Level			COC?
		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)	
BNA																				
1,4-Dioxane	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	5.3	5.4	0.000094	NO
Benzaldehyde	170	ND	ND	ND	ND	0.062 J	ND	ND	ND	ND	ND	ND	1	11	0.062	0.062	170	1,200	0.43	NO
Phenol	170	0.073 J	0.084 J	0.089 J	0.062 J	0.084 J	0.078 J	0.085 J	0.18 J	0.21 J	0.13 J	0.061 J	11	11	0.061	0.210	1,900	19,000	3.3	NO
bis-(2-Chloroethyl) ether	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.23	0.24	0.0000036	NO
2-Chlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	39	340	0.022	NO
2-Methylphenol (cresol)	170	ND	ND	ND	ND	ND	ND	0.044 J	ND	ND	ND	ND	1	11	0.044	0.044	630	3,200	0.74	NO
2,2'-oxybis(1-Chloropropane)	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	0.24	0.0000036	NO
Acetophenone	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	2,500	0.58	NO
4-Methylphenol (p-cresol)	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	630	6,300	1.5	NO
N-Nitroso-di-n-propylamine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.099	0.078	0.0000081	NO
Hexachloroethane	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	1.8	2	0.0002	NO
Nitrobenzene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	5.1	5.5	0.000092	NO
Isophorone	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	570	570	0.026	NO
2-Nitrophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO
2,4-Dimethylphenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	130	1,300	0.42	NO
bis(2-Chloroethoxy)methane	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	19	NV	NV	NO
2,4-Dichlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	19	190	0.054	NO
Naphthalene	170	ND	ND	ND	ND	ND	ND	0.048 J	ND	ND	ND	ND	1	11	0.048	0.048	3.8	4.1	0.00054	YES
4-Chloroaniline	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	2.7	2.7	0.00016	NO
Hexachlorobutadiene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	1.2	1.3	0.00027	NO
Caprolactam	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	3,100	31,000	2.5	NO
4-Chloro-3-methylphenol (p-chlc	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	630	NV	NV	NO
2-Methylnaphthalene	170	ND	ND	ND	ND	ND	ND	0.082 J	ND	ND	ND	ND	1	11	0.082	0.082	NV	310	0.19	NO
Hexachlorocyclopentadiene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.18	1.9	0.15	NO
2,4,6-Trichlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	6.3	49	0.015	NO
2,4,5-Trichlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.063	6,300	4.4	NO
1,1'-Biphenyl	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	4.7	51	0.0087	NO
2-Chloronaphthalene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	5,000	1.7	NO
2-Nitroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.63	630	0.08	NO
Dimethylphthalate	170	0.35	0.37	0.52	0.37	0.4	0.39	0.3	0.56	1.1	0.43	0.29	11	11	0.29	1.10	NV	NV	NV	NO
2,6-Dinitrotoluene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.36	0.36	0.000067	NO
Acenaphthylene	170	ND	0.9	ND	ND	ND	ND	ND	ND	ND	ND	0.31	2	11	0.31	0.90	NV	4,200	3.3	NO
3-Nitroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO
Acenaphthene	170	ND	0.14 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	11	0.14	0.14	360	4,100	2.5	NO
2,4-Dinitrophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	13	130	0.044	NO
4-Nitrophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO
Dibenzofuran	170	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND	0.044 J	2	11	0.044	0.210	NV	78	0.15	YES
2,4-Dinitrotoluene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	1.7	1.7	0.00032	NO
Diethylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO

Table 3b, Occurrence, Distribution, and Selection of COCs
Surface Soil
White Park CERCLIS Site
WV988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)											Frequency		Concentration		Screening Level			COC?
		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)	
BNA																				
Fluorene	170	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	11	0.21	0.21	240	2,900	2.7	NO
4-Chlorophenyl-phenyl ether	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO
4-Nitroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	25	NV	NV	NO
4,6-Dinitro-2-methylphenol (4,6-	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO
N-Nitrosodiphenylamine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	110	110	0.067	NO
1,2,4,5-Tetrachlorobenzene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	2.3	17	0.0045	NO
4-Bromophenyl-phenylether	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	NV	NV	NO
Hexachlorobenzene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	0.21	0.22	0.013	NO
Atrazine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	2.4	2.4	0.002	NO
Pentachlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	1	1	0.01	NO
Phenanthrene	170	ND	8.7	ND	ND	ND	0.32	0.3	ND	ND	0.27	2.9	5	11	0.27	8.7	NV	23,000	200	NO
Anthracene	170	ND	1.8	ND	ND	ND	0.048 J	ND	ND	ND	ND	0.57	3	11	0.048	1.8	1,800	23,000	58	NO
Carbazole	170	ND	0.79	ND	ND	ND	0.05 J	ND	ND	ND	ND	0.41 J	3	11	0.05	0.79	NV	NV	NV	NO
Di-n-butylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	6,300	2.3	NO
Fluoranthene	170	ND	22	ND	ND	ND	0.93	0.35 J	0.13 J	0.094 J	0.72	4.2	7	11	0.094	22	240	2,400	89	NO
Pyrene	170	ND	16	ND	ND	ND	0.65	0.32	0.11 J	ND	0.53	5.4	6	11	0.11	16	180	2,300	8.6	YES
Butylbenzylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	NV	290	0.24	NO
3,3'-Dichlorobenzidine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	1.2	1.2	0.00082	NO
Benzo(a)anthracene	170	ND	8.3	ND	ND	ND	0.39	0.15 J	ND	ND	0.46	2.7	5	11	0.15	8.3	1.1	0.21	0.0042	YES
Chrysene	170	ND	7.7	ND	ND	ND	0.45	0.19 J	ND	ND	0.36	2.6	5	11	0.19	7.7	110	16	1.2	YES
bis(2-Ethylhexyl)phthalate	170	ND	ND	ND	ND	ND	0.061 J	ND	ND	ND	ND	ND	1	11	0.061	0.061	NV	39	1.4	NO
Di-n-octylphthalate	170	ND	ND	ND	ND	ND	0.073 J	ND	ND	ND	ND	ND	1	11	0.073	0.073	NV	NV	NV	NO
Benzo(b)fluoranthene	170	ND	9	ND	ND	ND	0.53	0.2	ND	ND	0.41	3	5	11	0.2	9	1.1	0.16	0.041	YES
Benzo(k)fluoranthene	170	ND	3	ND	ND	ND	0.2 J	0.061 J	ND	ND	0.13 J	1.2	5	11	0.061	3	11	1.6	0.4	YES
Benzo(a)pyrene	170	ND	7.2	ND	ND	ND	0.4	0.14 J	ND	ND	0.23 J	2.2	5	11	0.14	7.2	0.11	0.016	0.23	YES
Indeno(1,2,3-cd)pyrene	170	ND	5.1	ND	ND	ND	0.3	0.09 J	ND	ND	0.18 J	1.4	5	11	0.09	5.1	1.1	0.16	0.13	YES
Dibenzo(a,h)anthracene	170	ND	1.4	ND	ND	ND	0.083 J	ND	ND	ND	0.063 J	0.43	4	11	0.063	1.4	0.11	0.016	0.013	YES
Benzo(g,h,i)perylene	170	ND	5.7	ND	ND	ND	0.36	0.098 J	ND	ND	0.17 J	1.6	5	11	0.098	5.7	NV	1,800	2,300	NO
2,3,4,6-Tetrachlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11	ND	ND	190	1,900	1.5	NO

Notes:

- CRQL Contract Required Quantitation Limit.
- NV No value available.
- ND Not detected at concentration greater than the CRDL.
- J Analyte present. Reported value may not be accurate or precise.
- ¹ Regional Screening Levels for Chemical Contaminants at Superfund Sites (November 2019) residential soil samples.
- ² WV De Minimis Table 60-3B, June 2017
- Bold** indicates result exceeds benchmark.

Table 4a, Occurrence, Distribution, and Selection of COCs

Subsurface Soil
White Park CERCLIS Site
WVD988766168

Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)						Frequency		Concentration		Screening Level			COC?		
		SB-1 (16-18 ft)	SB-3 (6-8 ft)	SB-4 (6-8 ft)	SB-5 (4-6 ft)	SB-6 (2-4 ft)	SB-8 (2-4 ft)	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)			
Inorganics																	
Aluminum	20	8,040	J	10,300	12,800	12,400	9,240	9,590	6	6	8,040	12,800	7,700	77,000	30,000	NO	
Antimony	6	ND		ND	ND	ND	ND	ND	0	6	ND	ND	3.1	31	0.35	NO	
Arsenic	1	1.5		1.4	6.6	2.8	8.9	17.6	6	6	1.4	18	0.68	0.43	0.29	YES	
Barium	20	80.9		78	48	91.5	140	129	6	6	48	140	1,500	15,000	82	YES	
Beryllium	0.5	0.64		0.81	1.1	0.9	1.2	1.3	6	6	0.64	1.30	16	160	3.2	NO	
Cadmium	0.5	0.099	J	ND	0.13	J	ND	0.1	J	0.15	J	0.10	0.15	7.1	37	0.38	NO
Calcium	500	983		1,540	884	931	1,730	1,680	6	6	884	1,730	NV	NV	NV	NO	
Chromium	1	13.8	J	17.6	34	30.1	20.6	28.1	6	6	14	34	12,000	120,000	40,000,000	NO	
Cobalt	5	4.4	J	21	40.1	7.7	21.3	20.6	6	6	4.4	40.1	2.3	23	0.27	YES	
Copper	2.5	10.9		12.7	23	23.8	16.4	20.1	6	6	10.9	23.8	310	3,100	28	NO	
Iron	10	6,360	J	22,700	63,200	40,700	28,700	52,200	6	6	6,360	63,200	5,500	55,000	350	YES	
Lead	1	13.5		12	31.2	21.7	28.3	37.5	6	6	12.0	37.5	400	400	14	YES	
Magnesium	500	1,510		2,120	2,980	2,160	1,070	1,080	6	6	1,070	2,980	NV	NV	NV	NO	
Manganese	1.5	33.8	J	391	1,040	36.8	1,440	1,470	6	6	33.8	1,470	180	3,500	55	YES	
Nickel	4	14.2		23.2	37.5	32.6	23.1	27.1	6	6	14.2	37.5	150	1,500	26	YES	
Potassium	500	727		871	810	1,240	793	786	6	6	727	1,240	NV	NV	NV	NO	
Selenium	3.5	ND		ND	ND	ND	0.93	2.2	J	2	6	0.93	2.20	39	390	0.26	YES
Silver	1	ND		ND	ND	ND	ND	ND	0	6	ND	ND	39	390	0.8	YES	
Sodium	500	79.8	J	ND	66.6	J	ND	ND	2	6	66.6	79.8	NV	NV	NV	NO	
Thallium	2.5	ND		ND	0.79	J	ND	0.69	J	0.89	J	0.69	0.89	0.078	0.78	0.14	YES
Vanadium	5	18.3		23.6	35.2	39.7	29.2	32.9	6	6	18.3	39.7	39	5.5	1.2	YES	
Zinc	6	39.1		59.3	82.7	38.3	51.1	81	6	6	38.3	82.7	2,300	23,000	370	NO	

Notes:

CRQL Contract Required Quantitation Limit.

NV No value available.

ND Not detected at concentration greater than the CRDL.

J Analyte present. Reported value may not be accurate or precise.

¹ Regional Screening Levels for Chemical Contaminants at Superfund Sites (November 2019) residential soil samples.

² WV De Minimis Table 60-3B, June 2017

Bold indicates result exceeds benchmark.

Table 4b, Occurrence, Distribution, and Selection of COCs
Subsurface Soil
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)								Frequency		Concentration		Screening Level			COC?
		SB-1 (16-18 ft)	SB-3 (6-8 ft)	SB-4 (6-8 ft)	SB-5 (4-6 ft)	SB-6 (2-4 ft)	SB-8 (2-4 ft)	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)			
BNA																	
1,4-Dioxane	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5.3	5.4	0.000094	NO		
Benzaldehyde	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	170	1,200	0.43	NO		
Phenol	170	0.052 J	0.093 J	0.091 J	0.081 J	0.062 J	0.084 J	6	6	0.052	0.093	1,900	19,000	3.3	NO		
bis-(2-Chloroethyl) ether	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.23	0.24	0.0000036	NO		
2-Chlorophenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	39	340	0.022	NO		
2-Methylphenol (cresol)	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	630	3,200	0.74	NO		
2,2'-oxybis(1-Chloropropane)	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	0.24	0.0000036	NO		
Acetophenone	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	2,500	0.58	NO		
4-Methylphenol (p-cresol)	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	630	6,300	1.5	NO		
N-Nitroso-di-n-propylamine	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.099	0.078	0.0000081	NO		
Hexachloroethane	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.8	2	0.0002	NO		
Nitrobenzene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5.1	5.5	0.000092	NO		
Isophorone	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	570	570	0.026	NO		
2-Nitrophenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO		
2,4-Dimethylphenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	130	1,300	0.42	NO		
bis(2-Chloroethoxy)methane	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	19	NV	NV	NO		
2,4-Dichlorophenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	19	190	0.054	NO		
Naphthalene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3.8	4.1	0.00054	NO		
4-Chloroaniline	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.7	2.7	0.00016	NO		
Hexachlorobutadiene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.2	1.3	0.00027	NO		
Caprolactam	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3,100	31,000	2.5	NO		
4-Chloro-3-methylphenol (p-chloro-m-cresol)	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	630	NV	NV	NO		
2-Methylnaphthalene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	310	0.19	NO		
Hexachlorocyclopentadiene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.18	1.9	0.15	NO		
2,4,6-Trichlorophenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	6.3	49	0.015	NO		
2,4,5-Trichlorophenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.063	6,300	4.4	NO		
1,1'-Biphenyl	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	4.7	51	0.0087	NO		
2-Chloronaphthalene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	5,000	1.7	NO		
2-Nitroaniline	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.63	630	0.08	NO		
Dimethylphthalate	170	0.19 J	0.39	0.51	0.48	0.23	0.31	6	6	0.19	0.51	NV	NV	NV	NO		
2,6-Dinitrotoluene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.36	0.36	0.000067	NO		
Acenaphthylene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	4,200	3.3	NO		
3-Nitroaniline	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO		
Acenaphthene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	360	4,100	2.5	NO		
2,4-Dinitrophenol	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	13	130	0.044	NO		
4-Nitrophenol	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO		
Dibenzofuran	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	78	0.15	NO		

Table 4b, Occurrence, Distribution, and Selection of COCs
Subsurface Soil
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)						Frequency		Concentration		Screening Level			COC?
		SB-1 (16-18 ft)	SB-3 (6-8 ft)	SB-4 (6-8 ft)	SB-5 (4-6 ft)	SB-6 (2-4 ft)	SB-8 (2-4 ft)	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)	
BNA															
2,4-Dinitrotoluene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.7	1.7	0.00032	NO
Diethylphthalate	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
Fluorene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	240	2,900	2.7	NO
4-Chlorophenyl-phenyl ether	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
4-Nitroaniline	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	25	NV	NV	NO
4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol)	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
N-Nitrosodiphenylamine	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	110	110	0.067	NO
1,2,4,5-Tetrachlorobenzene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.3	17	0.0045	NO
4-Bromophenyl-phenylether	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
Hexachlorobenzene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.21	0.22	0.013	NO
Atrazine	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.4	2.4	0.002	NO
Pentachlorophenol	330	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1	1	0.01	NO
Phenanthrene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	23,000	200	NO
Anthracene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1,800	23,000	58	NO
Carbazole	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
Di-n-butylphthalate	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	6,300	2.3	NO
Fluoranthene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	240	2,400	89	NO
Pyrene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	180	2,300	8.6	NO
Butylbenzylphthalate	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	290	0.24	NO
3,3'-Dichlorobenzidine	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.2	1.2	0.00082	NO
Benzo(a)anthracene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.1	0.21	0.0042	NO
Chrysene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	110	16	1.2	NO
bis(2-Ethylhexyl)phthalate	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	39	1.4	NO
Di-n-octylphthalate	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
Benzo(b)fluoranthene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.1	0.16	0.041	NO
Benzo(k)fluoranthene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	11	1.6	0.4	NO
Benzo(a)pyrene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.11	0.016	0.23	NO
Indeno(1,2,3-cd)pyrene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.1	0.16	0.13	NO
Dibenzo(a,h)anthracene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.11	0.016	0.013	NO
Benzo(g,h,i)perylene	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	1,800	2,300	NO
2,3,4,6-Tetrachlorophenol	170	ND	ND	ND	ND	ND	ND	0	6	ND	ND	190	1,900	1.5	NO

Notes:

CRQL Contract Required Quantitation Limit.

NV No value available.

ND Not detected at concentration greater than the CRDL.

J Analyte present. Reported value may not be accurate or precise.

¹ Regional Screening Levels for Chemical Contaminants at Superfund Sites (November 2019) residential soil samples.

² WV De Minimis Table 60-3B, June 2017

Bold indicates result exceeds benchmark.

Table 4c, Occurrence, Distribution, and Selection of COCs
Subsurface Soil
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)						Frequency		Concentration		Screening Level			COC?
		SB-1 (16-18 ft)	SB-3 (6-8 ft)	SB-4 (6-8 ft)	SB-5 (4-6 ft)	SB-6 (2-4 ft)	SB-8 (2-4 ft)	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)	
VOC															
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	8.7	94	0.3	NO
Chloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	11	120	0.049	NO
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.059	0.057	0.00069	NO
Bromomethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.68	7.3	0.0019	NO
Chloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	2,100	5.9	NO
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2,300	790	0.73	NO
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	23	240	0.0025	NO
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	670	910	140	NO
Acetone	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	6,100	61,000	2.9	NO
Carbon disulfide	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	77	740	0.24	NO
Methyl acetate	5	0.016	ND	ND	ND	0.022	0.017	3	6	0.016	0.022	78,000	23,000	1.1	NO
Methylene chloride	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	35	58	0.0013	NO
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	160	130	0.031	NO
Methyl tert butyl ether	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	47	50	0.0032	NO
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3.6	3.8	0.00078	NO
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	16	17	0.021	NO
2-Butanone	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	27,000	28,000	1.2	NO
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	15	NV	NV	NO
Chloroform	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.32	0.34	0.000061	NO
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	810	640	0.07	NO
Cyclohexane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	650	120	13	NO
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.65	0.7	0.0019	NO
Benzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.2	1.2	0.0026	NO
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.46	0.039	0.000014	NO
Trichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.41	0.5	0.0018	NO
Methylcyclohexane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.6	1.1	0.0017	NO
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.29	0.31	0.000036	NO
cis-1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	1.9	0.00017	NO
4-Methyl-2-pentanone	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5,400	3,400	0.28	NO
Toluene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	490	820	0.69	NO
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	1.9	0.00017	NO
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.15	1.2	0.0016	NO
Tetrachlorethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	8.1	25	0.0023	NO
2-Hexanone	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	20	NV	NV	NO
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	8.3	8.3	0.00023	NO
1,2-Dibromomethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.036	0.039	0.000014	NO

Table 4c, Occurrence, Distribution, and Selection of COCs
Subsurface Soil
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)						Frequency		Concentration		Screening Level			COC?
		SB-1 (16-18 ft)	SB-3 (6-8 ft)	SB-4 (6-8 ft)	SB-5 (4-6 ft)	SB-6 (2-4 ft)	SB-8 (2-4 ft)	Detects	Samples	Min	Max	Residential Soil ¹ (mg/Kg)	Residential Soil ² (mg/kg)	Migration to Groundwater ² (mg/kg)	
VOC															
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	28	290	0.068	NO
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5.8	6.2	0.78	NO
o-Xylene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
m,p-Xylene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
Styrene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	600	870	0.11	NO
Bromoform	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	19	20	0.00087	NO
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	270	0.74	NO
1,1,2,2-Tetrachlorethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.6	0.64	0.00003	NO
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NV	NV	NO
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.6	2.8	0.072	NO
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	180	380	0.58	NO
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0053	0.0057	0.000087	NO
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5.8	24	0.2	NO
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	6.3	NV	NV	NO

Notes:

CRQL Contract Required Quantitation Limit.

NV No value available.

ND Not detected at concentration greater than the CRDL.

J Analyte present. Reported value may not be accurate or precise.

¹ Regional Screening Levels for Chemical Contaminants at Superfund Sites (November 2019) residential soil samples.

² WV De Minimis Table 60-3B, June 2017

Bold indicates result exceeds benchmark.

Table 5a, Occurrence, Distribution, and Selection of COCs
Surface Water
White Park CERCLIs Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/L)						Frequency		Concentration		Screening Level	COC?
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Detects	Samples	Min	Max	Freshwater (ug/L)	
Inorganics-Total													
Aluminum	200	124	33.1	48.1	30.3	ND	78.8	5	6	30.3	124	87	¹ YES
Antimony	60	ND	ND	ND	ND	ND	ND	0	6	ND	ND	30	¹ NO
Arsenic	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5	¹ NO
Barium	200	94.4	94.5	98.5	82.9	85.6	84.3	6	6	82.9	99	4	¹ YES
Beryllium	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.66	¹ NO
Cadmium	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.25	¹ NO
Calcium	5000	37,000	37,600	35,300	38,100	39,600	32,800	6	6	32,800	39,600	116,000	¹ NO
Chromium	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	85	¹ NO
Cobalt	50	ND	ND	ND	ND	ND	ND	0	6	ND	ND	23	¹ NO
Copper	25	ND	ND	ND	ND	ND	ND	0	6	ND	ND	9	¹ NO
Iron	100	328	151	191	143	527	306	6	6	143	527	300	¹ YES
Lead	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.5	¹ NO
Magnesium	5000	5,970	5,960	5,770	6,090	8,150	5,370	6	6	5,370	8,150	82,000	¹ NO
Manganese	15	354	286	348	56.8	83.7	330	6	6	57	354	120	¹ YES
Nickel	40	1.9	1.7	1.7	1.6	1.2	1.8	6	6	1.2	1.9	52	¹ NO
Potassium	5000	2,790	2,790	2,670	2,950	2,720	2,440	6	6	2,440	2,950	53,000	¹ NO
Selenium	35	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1	¹ NO
Silver	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3.2	¹ NO
Sodium	5000	16,900	17,100	16,300	17,400	15,600	15,300	6	6	15,300	17,400	680,000	¹ NO
Thallium	25	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.8	¹ NO
Vanadium	50	ND	ND	ND	ND	ND	ND	0	6	ND	ND	20	¹ NO
Zinc	60	2	ND	4.9	ND	ND	2.1	3	6	2.0	5	120	¹ NO
Inorganics-Dissolved													
Aluminum	200	ND	ND	ND	ND	23.1	ND	1	6	23.1	23	87	¹ NO
Antimony	60	ND	ND	ND	ND	ND	ND	0	6	ND	ND	30	¹ NO
Arsenic	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5	¹ NO
Barium	200	93.6	91.8	90.5	69.7	85.1	94.2	6	6	69.7	94	4	¹ NO
Beryllium	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.66	¹ NO
Cadmium	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.25	¹ NO
Calcium	5000	38,600	38,800	39,300	33,200	37,700	39,100	6	6	33,200	39,300	116,000	¹ NO
Chromium	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	85	¹ NO
Cobalt	50	ND	ND	ND	ND	ND	ND	0	6	ND	ND	23	¹ NO
Copper	25	ND	ND	ND	ND	ND	ND	0	6	ND	ND	9	¹ NO
Iron	100	ND	ND	ND	ND	499	ND	1	6	499	499	300	¹ YES
Lead	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.5	¹ NO
Magnesium	5000	6,160	ND	6,240	5,430	7,740	6,260	5	6	5,430	7,740	82,000	¹ NO
Manganese	15	273	6,230	320	36.9	92.3	257	6	6	37	6,230	120	¹ YES
Nickel	40	1.6	303	1.6	1.4	1.1	1.6	6	6	1.1	303	52	¹ YES
Potassium	5000	2,970	1.8	3,020	2,940	2,520	3,480	6	6	2	3,480	53,000	¹ NO

Table 5a, Occurrence, Distribution, and Selection of COCs
Surface Water
White Park CERCLIs Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/L)						Frequency		Concentration		Screening Level	COC?
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Detects	Samples	Min	Max	Freshwater (ug/L)	
Selenium	35	ND	2,980	ND	ND	ND	ND	1	6	2980	2980	1 ¹	YES
Silver	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3.2 ¹	NO
Sodium	5000	17,500	ND	17,900	15,500	15,000	17,700	5	6	15,000	17,900	680,000 ¹	NO
Thallium	25	ND	17,600	ND	ND	ND	ND	1	6	17600.000	17600.000	0.8 ¹	NO
Vanadium	50	ND	ND	ND	ND	ND	ND	0	6	ND	ND	20 ¹	NO
Zinc	60	ND	ND	ND	ND	ND	3.3	1	6	3.3	3	120 ¹	NO

Notes:

- CRQL Contract Required Quantitation Limit.
- NV No value available.
- ND Not detected at concentration greater than the CRDL.
- 1 USEPA Region 3 BTAG, Freshwater Screening Benchmarks, July 2006.
- 2 USEPA National Recommended Water Quality Criteria, 2009, Human Health for Consumption
- Bold** indicates result exceeds benchmark.

Table 5b, Occurrence, Distribution, and Selection of COCs
Surface Water
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/L)						Frequency		Concentration		Screening Level	COC?
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Detects	Samples	Min	Max	Freshwater (ug/L)	
BNA													
1,4-Dioxane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Benzaldehyde	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Phenol	5	1.2 J	1.1 J	1.3 J	ND	ND	1.1 J	4	6	1.1	1.3	4 ¹	NO
bis-(2-Chloroethyl) ether	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.030 ²	NO
2-Chlorophenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	24 ¹	NO
2-Methylphenol (cresol)	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	13 ¹	NO
2,2'-oxybis(1-Chloropropane)	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Acetophenone	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
4-Methylphenol (p-cresol)	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	543 ¹	NO
N-Nitroso-di-n-propylamine	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0050 ²	NO
Hexachloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	12 ¹	NO
Nitrobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	17 ²	NO
Isophorone	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	35 ²	NO
2-Nitrophenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1,920 ¹	NO
2,4-Dimethylphenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	380 ²	NO
bis(2-Chloroethoxy)methane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
2,4-Dichlorophenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	11 ¹	NO
Naphthalene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.1 ¹	NO
4-Chloroaniline	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	232 ¹	NO
Hexachlorobutadiene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.3 ¹	NO
Caprolactam	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
4-Chloro-3-methylphenol (p-chloro-m-cresol)	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
2-Methylnaphthalene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	4.7 ¹	NO
Hexachlorocyclopentadiene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	40 ²	NO
2,4,6-Trichlorophenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	4.9 ¹	NO
2,4,5-Trichlorophenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1,800 ²	NO
1,1'-Biphenyl	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	14 ¹	NO
2-Chloronaphthalene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1,000 ²	NO
2-Nitroaniline	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Dimethylphthalate	5	ND	ND	ND	1.4 J	ND	ND	1	6	1.4	1.4	270,000 ²	NO
2,6-Dinitrotoluene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	81 ¹	NO
Acenaphthylene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5.8 ¹	NO
3-Nitroaniline	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Acenaphthene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	5.8 ¹	NO
2,4-Dinitrophenol	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	69 ²	NO
4-Nitrophenol	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	60 ¹	NO

Table 5b, Occurrence, Distribution, and Selection of COCs
Surface Water
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/L)						Frequency		Concentration		Screening Level	COC?
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Detects	Samples	Min	Max	Freshwater (ug/L)	
BNA													
Dibenzofuran	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3.7 ¹	NO
2,4-Dinitrotoluene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	44 ¹	NO
Diethylphthalate	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	210 ¹	NO
Fluorene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3 ¹	NO
4-Chlorophenyl-phenyl ether	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
4-Nitroaniline	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol)	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	13 ²	NO
N-Nitrosodiphenylamine	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	210 ¹	NO
1,2,4,5-Tetrachlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	3 ¹	NO
4-Bromophenyl-phenylether	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.5 ¹	NO
Hexachlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0003 ¹	NO
Atrazine	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.8 ¹	NO
Pentachlorophenol	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.5 ¹	NO
Phenanthrene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.4 ¹	NO
Anthracene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.012 ¹	NO
Carbazole	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Di-n-butylphthalate	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	19 ¹	NO
Fluoranthene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.04 ¹	NO
Pyrene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.025 ¹	NO
Butylbenzylphthalate	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	19 ¹	NO
3,3'-Dichlorobenzidine	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	4.5 ¹	NO
Benzo(a)anthracene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.018 ¹	NO
Chrysene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0038 ²	NO
bis(2-Ethylhexyl)phthalate	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	16 ¹	NO
Di-n-octylphthalate	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	22 ¹	NO
Benzo(b)fluoranthene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0038 ²	NO
Benzo(k)fluoranthene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0038 ²	NO
Benzo(a)pyrene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.015 ¹	NO
Indeno(1,2,3-cd)pyrene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0038 ²	NO
Dibenzo(a,h)anthracene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.0038 ²	NO
Benzo(g,h,i)perylene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.025 ¹	NO
2,3,4,6-Tetrachlorophenol	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.2 ¹	NO

Notes:

CRQL Contract Required Quantitation Limit.

NV No value available.

ND Not detected at concentration greater than the CRQL.

J Analyte present. Reported value may not be accurate or precise.

¹ USEPA Region 3 BTAG, Freshwater Screening Benchmarks, July 2006.

² USEPA National Recommended Water Quality Criteria, 2006, Human Health for Consumption of Water + Organisms.

Bold indicates result exceeds benchmark.

Table 5c, Occurrence, Distribution, and Selection of COCs
Surface Water
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/L)						Frequency		Concentration		Screening Level	COC?
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Detects	Samples	Min	Max	Freshwater (ug/L)	
BNA													
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Chloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Vinyl Chloride	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	930 ¹	NO
Bromomethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Chloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.8 ¹	NO
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	47 ¹	NO
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Acetone	10	ND	ND	ND	3.7 ^J	ND	ND	1	6	3.7	3.7	1,500 ¹	NO
Carbon disulfide	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.92 ¹	NO
Methyl acetate	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Methylene chloride	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	98.1 ¹	NO
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	970 ¹	NO
Methyl tert butyl ether	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	11,070 ¹	NO
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	47 ¹	NO
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
2-Butanone	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	14,000 ¹	NO
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Chloroform	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.8 ¹	NO
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	11 ¹	NO
Cyclohexane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	13.3 ¹	NO
Benzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	370 ¹	NO
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	100 ¹	NO
Trichloroethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	21 ¹	NO
Methylcyclohexane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.9 ²	NO
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
cis-1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
4-Methyl-2-pentanone	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	170 ¹	NO
Toluene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2 ¹	NO
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1,200 ¹	NO
Tetrachlorethene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	111 ¹	NO
2-Hexanone	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	99 ¹	NO
Dibromochloromethane	10	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO

Table 5c, Occurrence, Distribution, and Selection of COCs
Surface Water
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/L)						Frequency		Concentration		Screening Level	COC?
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	Detects	Samples	Min	Max	Freshwater (ug/L)	
BNA													
1,2-Dibromethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	1.3 ¹	NO
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	90 ¹	NO
o-Xylene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
m,p-Xylene	5	ND	0.55 J	0.56 J	ND	ND	ND	2	6	0.6	0.6	NV	NO
Styrene	5	ND	ND	0.71 J	ND	ND	ND	1	6	0.7	0.7	72 ¹	NO
Bromoform	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	320 ¹	NO
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	2.6 ¹	NO
1,1,2,2-Tetrachlorethane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	610 ¹	NO
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	150 ¹	NO
1,4-Dichlorobenzene	5	ND	0.71 J	0.8 J	ND	0.63 J	0.69 J	4	6	0.6	0.8	26 ¹	NO
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	0.7 ¹	NO
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	NV	NO
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	24 ¹	NO
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	0	6	ND	ND	8 ¹	NO

Notes:

CRQL Contract Required Quantitation Limit.

NV No value available.

ND Not detected at concentration greater than the CRQL.

J Analyte present. Reported value may not be accurate or precise.

¹ USEPA Region 3 BTAG, Freshwater Screening Benchmarks, July 2006.

² USEPA National Recommended Water Quality Criteria, 2006, Human Health for Consumption of Water + Organisms.

Bold indicates result exceeds benchmark.

Table 6a, Occurrence, Distribution, and Selection of COCs
Sediment
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (mg/Kg)									Frequency		Concentration		Screening Level *	COC?
		SD-1	SD-2	SD-3	SD-4	SD-5	SD-6	SD-7	SD-8	SD-9	Detects	Samples	Min	Max	Freshwater Sediment (mg/Kg)	
Inorganics-Total																
Aluminum	20	10,400	9,700	NA	2,330	8,250	6,830	9,310	3,580	4,020	8	9	2,330	10,400	NV	NO
Antimony	6	ND	ND	NA	ND	ND	ND	ND	ND	ND	0	9	ND	ND	2	NO
Arsenic	1	5.4	5.3	NA	4.1	46.7	6.5	57.5	16.7	9	8	9	4.1	58	9.8	YES
Barium	20	141	129	NA	11	118	112	82.4	78.7	84.6	8	9	11	141	NV	NO
Beryllium	0.5	1.4	1.5	NA	0.38 J	1.9	1.1	2.4	0.97	0.79	8	9	0.4	2.4	NV	NO
Cadmium	0.5	0.64 J	0.82 J	NA	0.37 J	1.2	0.63 J	0.48 J	0.32 J	0.25 J	8	9	0.25	1.2	0.99	YES
Calcium	500	2,320	4,660	NA	1,330	10,700	6,490	786	30,300	13,600	8	9	786	30,300	NV	NO
Chromium	1	16.2	16.1	NA	5.3	27.3	14.9	23.8	17.4	17.3	8	9	5.3	27.3	43.4	NO
Cobalt	5	19.4	20.4	NA	7.8	26.1	17.2	28.8	10.9	11.1	8	9	8	28.8	50	NO
Copper	2.5	18.8	18.8	NA	4	33.7	15	24	9	6.9	8	9	4.0	33.7	31.6	YES
Iron	10	25,500	24,900	NA	10,800	74,200	23,300	126,000	20,000	32,700	8	9	10,800	126,000	20,000	YES
Lead	1	20.6	23	NA	5.6	81.4	18.9	22.9	36.8	15	8	9	5.6	81.4	35.8	YES
Magnesium	500	1,570	1,720	NA	369 J	1,400	1,530	894	1,450	1,010	8	9	369	1,720	NV	NO
Manganese	1.5	580	511	NA	3,890	1,280	776	341	709	913	8	9	341	3,890	460	YES
Nickel	4	29.6	31.4	NA	11.2	43.1	25.7	92	13.8	17.4	8	9	11.2	91.8	22.7	YES
Potassium	500	1,210	1,060	NA	306 J	758	918	1,120	595	593 J	8	9	306	1210	NV	NO
Selenium	3.5	ND	ND	NA	2 J	ND	ND	ND	1.2 J	0.66 J	3	9	0.7	2	2	YES
Silver	1	ND	ND	NA	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1	NO
Sodium	500	ND	ND	NA	ND	ND	122 J	ND	ND	ND	1	9	122	122	NV	NO
Thallium	2.5	ND	ND	NA	ND	1.1 J	ND	0.77 J	ND	ND	2	9	0.8	1.1	NV	NO
Vanadium	5	27.2	26.4	NA	5.7	53.2	23	64.5	12.9	18.6	8	9	6	64.5	NV	NO
Zinc	6	130	137	NA	31.7	226	106	312	54	63.2	8	9	31.7	312	121	YES

Notes:

CRQL Contract Required Quantitation Limit.
 NA Not applicable or available.
 NV No value available.
 ND Not detected at concentration greater than the CRQL.
 J Analyte present. Reported value may not be accurate or precise.
 UJ Noted detected, quantitation limit may be inaccurate or imprecise.
 * EPA Region III BTAG, Freshwater Sediment Screening Benchmarks, August 2006.
Bold indicates result exceeds benchmark.

Table 6b, Occurrence, Distribution, and Selection of COCs

Sediment
White Park CERCLIS Site
WVD988766168

Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/Kg)									Frequency		Concentration		Screening Level *	COC?	
		SD-1	SD-2	SD-3	SD-4	SD-5	SD-6	SD-7	SD-8	SD-9	Detects	Samples	Min	Max	Freshwater Sediment (ug/Kg)		
BNA																	
1,4-Dioxene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Benzaldehyde	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Phenol	170	140 J	230 J	190 J	140 J	120 J	74 J	81 J	88 J	60 J	9	9	60	230	420	NO	
bis-(2-Chloroethyl) ether	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2-Chlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	31.2	NO	
2-Methylphenol (cresol)	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2,2'-oxybis(1-Chloropropane)	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Acetophenone	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
4-Methylphenol (p-cresol)	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	670	NO	
N-Nitroso-di-n-propylamine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Hexachloroethane	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1027	NO	
Nitrobenzene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Isophorone	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2-Nitrophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2,4-Dimethylphenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	29	NO	
bis(2-Chloroethoxy)methane	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2,4-Dichlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	117	NO	
Naphthalene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	176	NO	
4-Chloroaniline	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Hexachlorobutadiene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Caprolactam	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
4-Chloro-3-methylphenol (p-chloro-m-cresol)	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2-Methylnaphthalene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	20.2	NO	
Hexachlorocyclopentadiene	170	ND	ND	ND UJ	ND	ND UJ	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2,4,6-Trichlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	213	NO	
2,4,5-Trichlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
1,1'-Biphenyl	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,220	NO	
2-Chloronaphthalene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
2-Nitroaniline	330	ND	ND	ND	ND R	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Dimethylphthalate	170	690	590	620	820	380	360	280	380	230	9	9	230	820	NV	NO	
2,6-Dinitrotoluene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Acenaphthylene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	6.7	NO	
3-Nitroaniline	330	ND	ND	ND	ND R	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Acenaphthene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	6.7	NO	
2,4-Dinitrophenol	330	ND	ND	ND UJ	ND R	ND UJ	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
4-Nitrophenol	330	ND	ND	ND	ND R	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
Dibenzofuran	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	415	NO	
2,4-Dinitrotoluene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	41.6	NO	
Diethylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	603	NO	
Fluorene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	77.4	NO	
4-Chlorophenyl-phenyl ether	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	
4-Nitroaniline	330	ND	ND	ND	ND R	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO	

Table 6b, Occurrence, Distribution, and Selection of COCs

Sediment
White Park CERCLIS Site
WVD988766168

Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/Kg)									Frequency		Concentration		Screening Level *	COC?	
		SD-1	SD-2	SD-3	SD-4	SD-5	SD-6	SD-7	SD-8	SD-9	Detects	Samples	Min	Max	Freshwater Sediment (ug/Kg)		
BNA																	
4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol)	330	ND	ND	ND	ND R	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
N-Nitrosodiphenylamine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	2,680	NO
1,2,4,5-Tetrachlorobenzene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,090	NO
4-Bromophenyl-phenylether	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,230	NO
Hexachlorobenzene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	20	NO
Atrazine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	6.62	NO
Pentachlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	504	NO
Phenanthrene	170	ND	ND	ND	ND	ND	ND	ND	78 J	ND	ND	1	9	78	78	204	NO
Anthracene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	57.2	NO
Carbazole	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Di-n-butylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	6,470	NO
Fluoranthene	170	ND	ND	ND	ND	ND	ND	ND	110 J	ND	ND	1	9	110	110	423	NO
Pyrene	170	ND	ND	ND	ND	ND	ND	ND	77 J	ND	ND	1	9	77	77	195	NO
Butylbenzylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	10,900	NO
3,3'-Dichlorobenzidine	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	127	NO
Benzo(a)anthracene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	108	NO
Chrysene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	166	NO
bis(2-Ethylhexyl)phthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	180	NO
Di-n-octylphthalate	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Benzo(b)fluoranthene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Benzo(k)fluoranthene	170	ND	ND	ND	ND	ND	ND	ND	44 J	ND	ND	1	9	44	44	240	NO
Benzo(a)pyrene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	150	NO
Indeno(1,2,3-cd)pyrene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	17	NO
Dibenzo(a,h)anthracene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	33	NO
Benzo(g,h,i)perylene	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	170	NO
2,3,4,6-Tetrachlorophenol	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	284	NO

Notes:

CRQL Contract Required Quantitation Limit.

NV No value available.

ND Not detected at concentration greater than the CRQL.

J Analyte present. Reported value may not be accurate or precise.

UJ Noted detected, quantitation limit may be inaccurate or imprecise.

R The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

* EPA Region III BTAG, Freshwater Sediment Screening Benchmarks, August 2006.

Bold indicates result exceeds benchmark.

Table 6c, Occurrence, Distribution, and Selection of COCs

Sediment
White Park CERCLIS Site
WVD988766168

Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/Kg)									Frequency		Concentration		Screening Level *	COC?
		SD-1	SD-2	SD-3	SD-4	SD-5	SD-6	SD-7	SD-8	SD-9	Detects	Samples	Min	Max	Freshwater Sediment (ug/Kg)	
VOC																
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Vinyl chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,1-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	31	NO
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Acetone	10	ND	ND	ND	ND	ND	ND	36	15	29	3	9	15	36	NV	NO
Carbon disulfide	5	ND	ND	ND	ND	ND	ND	ND	6.8	J	1	9	6.8	6.8	0.851	NO
Methyl acetate	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Methylene chloride	5	ND	ND	ND	130	ND	ND	ND	24	22	3	9	22	130	NV	NO
trans-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,050	NO
Methyl tert-butyl ether	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
2-Butanone	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Chloroform	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	30.2	NO
Cyclohexane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	64.2	NO
Benzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,2-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	96.9	NO
Methylcyclohexane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Bromodichloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
cis-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
4-Methyl-2pentanone	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
trans-1,3-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,240	NO
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	468	NO
2-Hexanone	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,2-Dibromoethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	8.42	NO
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,100	NO
o-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
m,p-Xylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
Styrene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	559	NO

Table 6c, Occurrence, Distribution, and Selection of COCs
Sediment
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/Kg)									Frequency		Concentration		Screening Level *	COC?
		SD-1	SD-2	SD-3	SD-4	SD-5	SD-6	SD-7	SD-8	SD-9	Detects	Samples	Min	Max	Freshwater Sediment (ug/Kg)	
VOC																
Bromoform	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	654	NO
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	86	NO
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	1,360	NO
1,3-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	4,430	NO
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	599	NO
1,2-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	16.5	NO
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	NV	NO
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	2,100	NO
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	9	ND	ND	858	NO

Notes:

- CRQL Contract Required Quantitation Limit.
- NV No value available.
- ND Not detected at concentration greater than the CRQL.
- J Analyte present. Reported value may not be accurate or precise.
- * EPA Region III BTAG, Freshwater Sediment Screening Benchmarks, August 2006.
- Bold** indicates result exceeds benchmark.

Table 7, Occurrence, Distribution, and Selection of COCs
Soil Vapor
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/m3)				Frequency		Concentration		Screening Level *	COC?				
		VP-2	VP-3	VP-4	VP-5	Detects	Samples	Min	Max	VISL (ug/m3)					
VOC															
Acetone	6.2	116	109	30.8	229	4	4	31	229	4,510,000	NO				
Benzene	0.5	2.6	4.4	7.6	4.6	4	4	3	8	524	NO				
Benzyl chloride	0.5	ND	ND	ND	ND	0	4	ND	ND	83.4	NO				
Bromodichloromethane	0.5	ND	ND	ND	ND	0	4	ND	ND	110	NO				
Bromoform	0.5	ND	ND	ND	ND	0	4	ND	ND	3,720	NO				
Bromomethane	0.5	ND	ND	ND	ND	0	4	ND	ND	730	NO				
1,3-Butadiene	0.5	ND	11.9	ND	ND	1	4	12	12	136	NO				
2-Butanone (MEK)	6.2	503	548	108	1,170	4	4	108	1170	730,000	NO				
Carbon disulfide	0.5	16	23.3	2.7	11	4	4	3	23	102,000	NO				
Carbon tetrachloride	0.5	ND	ND	ND	ND	0	4	ND	ND	681	NO				
Chlorobenzene	0.5	ND	3.3	ND	2.9	2	4	3	3	7,300	NO				
Chloroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	1,460,000	NO				
Chloroform	0.5	ND	ND	ND	ND	0	4	ND	ND	178	NO				
Chloromethane	0.5	1	2.6	ND	1.1	3	4	1	3	13,100	NO				
Cyclohexane	0.5	10	10.6	25.5	10.7	4	4	10	26	876,000	NO				
Dibromochloromethane	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
1,2-Dibromoethane (EDB)	0.5	ND	ND	ND	ND	0	4	ND	ND	6.81	NO				
1,2-Dichlorobenzene	0.5	ND	2	J	ND	2	4	2	10	29,200	NO				
1,3-Dichlorobenzene	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
1,4-Dichlorobenzene	0.5	ND	1.7	J	ND	2	4	2	7	372	NO				
Dichlorodifluoromethane	0.5	1.6	J	1.6	J	1.3	J	1.5	J	4	4	1	2	14,600	NO
1,1-Dichloroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	2,560	NO				
1,2-Dichloroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	157	NO				
1,1-Dichloroethene	0.5	ND	ND	ND	ND	0	4	ND	ND	29,200	NO				
cis-1,2-Dichloroethene	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
trans-1,2-Dichloroethene	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
1,2-Dichloropropane	0.5	ND	ND	ND	ND	0	4	ND	ND	584	NO				
cis-1,3-Dichloropropene	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
trans-1,3-Dichloropropene	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
Dichlorotetrafluoroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
Ethanol	0.5	32.8	ND	8.5	61.6	3	4	9	62	NV	NO				
Ethyl acetate	0.5	ND	ND	ND	ND	0	4	ND	ND	10,200	NO				
Ethylbenzene	0.5	9.3	3.5	1.3	J	2.8	4	4	1	9	1,640	NO			
4-Ethyltoluene	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
Freon 113	0.5	ND	ND	ND	ND	0	4	ND	ND	NV	NO				
Heptane	0.5	41.3	45.3	24.1	46.5	4	4	24	47	58,400	NO				
Hexachloro-1,3-butadiene	0.5	ND	ND	ND	ND	0	4	ND	ND	186	NO				
Hexane	0.5	5	9.4	23.2	7.2	4	4	5	23	102,000	NO				
2-Hexanone	0.5	24	31	ND	65.3	3	4	24	65	4,380	NO				
Methylene Chloride	0.5	ND	ND	13.8	ND	1	4	14	14	87,600	NO				
4-Methyl-2-pentanone (MIBK)	0.5	ND	ND	ND	ND	0	4	ND	ND	438,000	NO				
Methyl-tert-butyl ether	0.5	ND	ND	ND	ND	0	4	ND	ND	15,700	NO				
Naphthalene	0.5	ND	ND	ND	ND	0	4	ND	ND	120	NO				
Propylene	6.2	120	244	19.7	241	4	4	20	244	438,000	NO				

Table 7, Occurrence, Distribution, and Selection of COCs
Soil Vapor
White Park CERCLIS Site
WVD988766168
Morgantown, Monongalia County, West Virginia

COPC	CRQL	Concentration (ug/m3)				Frequency		Concentration		Screening Level *	COC?
		VP-2	VP-3	VP-4	VP-5	Detects	Samples	Min	Max	VISL (ug/m3)	
VOC											
Styrene	0.5	1.3 J	1 J	1.3 J	1.6 J	4	4	1	2	146,000	NO
1,1,2,2-Tetrachloroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	70.5	NO
Tetrachloroethene	0.5	ND	ND	2.2 J	ND	1	4	2	2	5,840	NO
Tetrahydrofuran	0.5	ND	ND	ND	ND	0	4	ND	ND	292,000	NO
Toluene	0.5	13.4	16.5	8.2	14.7	4	4	8	17	730,000	NO
1,2,4-Trichlorobenzene	0.5	ND	ND	ND	2.1 J	1	4	2	2	292	NO
1,1,1-Trichloroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	730,000	NO
1,1,2-Trichloroethane	0.5	ND	ND	ND	ND	0	4	ND	ND	29.2	NO
Trichloroethene	0.5	ND	ND	ND	ND	0	4	ND	ND	292	NO
Trichlorofluoromethane	0.5	1.7 J	1.6 J	1.4 J	1.5 J	4	4	1	2	NV	NO
1,1,2-Trichlorotrifluoroethane	0.5	1.2 J	ND	ND	ND	1	4	1	1	730,000	NO
1,2,4-Trimethylbenzene	0.5	ND	ND	ND	ND	0	4	ND	ND	8,760	NO
1,3,5-Trimethylbenzene	0.5	ND	ND	ND	ND	0	4	ND	ND	8,760	NO
Vinyl acetate	0.5	ND	ND	ND	ND	0	4	ND	ND	29,200	NO
Vinyl chloride	0.5	ND	ND	ND	ND	0	4	ND	ND	929	NO
m&p-Xylene	1	33.8	10.1	4.3	7.7	4	4	4	34	14,600	NO
o-Xylene	0.5	8.6	3.5	1.5 J	2.3	4	4	2	9	14,600	NO
Notes: CRQL Contract Required Quantitation Limit. NV No value available. ND Not detected at concentration greater than the CRQL. J Analyte present. Reported value may not be accurate or precise. UJ Noted detected, quantitation limit may be inaccurate or imprecise. * VISL Target Sub-Slab and Near-Source Soil Gas Concentration Bold indicates result exceeds benchmark.											

Appendix 1, CLP Request Forms



US EPA Region 3 Analytical Request (ARF) 2.1

[EPA Website](#)

Date Submitted

Sampling Site Information Use CAPS LOCK when filtering/searching drop-down lists. Yes No Is this a new sampling site?

Site Name White Park CERCLIS Site	EPA ID (aka CERCLIS No.) WVD988766168	
Street Address Mississippi Street	City Morgantown	State WV
Division or Office Office of Solid Waste and Emergency Response (OSWER)	Site Activity PA/SI	
Program Superfund (RAS and/or DAS)	Account Number (Type NA if not applicable) 03RXQB0003WTDD2	Spill ID (aka SSID)
Operable Unit		Operable Unit

QA Document Information Must be approved prior to sampling. Refer to CIO 2105.0 (formerly 5360.1 A2) for acceptable exceptions.

Title Sampling and Analysis Plan for Site Inspection	Approved by Justin Bleiler	Date 07/16/2019
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Contact Information Enter digits only - no dashes (-), slashes (/) or (*) for Phone and Cell Number fields!

EPA Project Lead Justin Bleiler	Phone Number 2158143308	Cell Number	Email Bleiler.Justin@epa.gov	Contractor NA
Site Leader Heather Metz	Phone Number 3047550721	Cell Number 3045441649	Email hmetz@triadeng.com	
Analytical Request Preparer Shannon Cox	Phone Number 3047550721	Cell Number 3049514995	Email scox@triadeng.com	EPA CO/PO NA

Analysis Information Use CAPS LOCK when filtering/searching drop-down lists. *Equivalent method substitution allowed

		Validation: R3 Lab default is IM2/M3			Final Report Due: # of Days from last sample shipped
QTY	Matrix Parameter Method	Validation Level	Unvalidated Data TAT (number of days)	Unvalidated Data TAT (number of days)	Final Report Due: # of Days from last sample shipped
X	AQUEOUS VOLATILE ORGANIC COMPOUNDS (VOC) SOM02.4 (low/mid) <i>If you are editing the Parameter, choose the Method first.</i>	M2	14	14	28
X	AQUEOUS METALS (DISSOLVED) ISM02.4 ICP-AES <i>If you are editing the Parameter, choose the Method first.</i>	IM2	14	14	28



US EPA Region 3 Analytical Request (ARF) 2.1

[EPA Website](#)

Date Submitted

X	QTY	14	Matrix	AQUEOUS	Validation Level		Unvalidated Data TAT (number of days)	14	Final Report Due: # of Days from last sample shipped	28
			Parameter	SEMIVOLATILES (SVOCs)						
			Method	SOM02.4		M2				
X	QTY	15	Matrix	SOIL	Validation Level		Unvalidated Data TAT (number of days)	14	Final Report Due: # of Days from last sample shipped	28
			Parameter	VOLATILE ORGANIC COMPOUNDS (VOC)						
			Method	SOM02.4 (low/mid)		M2				
X	QTY	27	Matrix	SOIL	Validation Level		Unvalidated Data TAT (number of days)	14	Final Report Due: # of Days from last sample shipped	28
			Parameter	METALS (TOTAL)						
			Method	ISM02.4 ICP-AES		IM2				
X	QTY	27	Matrix	SOIL	Validation Level		Unvalidated Data TAT (number of days)	14	Final Report Due: # of Days from last sample shipped	28
			Parameter	SEMIVOLATILES (SVOCs)						
			Method	SOM02.4		M2				
Samples Shipping Dates			Electronic Data		*If allowed, OASQA may substitute with an equivalent method which still meets the QL and analyte list requirements.					
Start Date	End Date	Deliverable (EDDs)	Yes							
09/23/2019	09/26/2019				Quantitation Limits (QLs), Detection Limits (DLs) are: Attached in the Email					

Special Instructions: 1) Indicate below if any samples are potable or select matrix of "potable water" or "drinking water" above. 2) If this will be a reoccurring event, give sampling details. Note: only one ARF is needed per year of sampling. 3) Add any other descriptive information, including QLs, if not attached.)



US EPA Region 3 Analytical Request (ARF) 2.1

[EPA Website](#)

Date Submitted 8/6/19

Is this a new sampling site? Yes No

Use CAPS LOCK when filtering/searching drop-down lists.

Sampling Site Information

Site Name White Park CERCLIS Site		EPA ID (aka CERCLIS No.) WVD988766168	
Street Address Mississippi Street		City Morgantown	State WV
Division or Office Office of Solid Waste and Emergency Response (OSWER)		Site Activity PA/SI	
Program Superfund (RAS and/or DAS)		Account Number (Type NA if not applicable) 03RXQB0003WTDD2	Spill ID (aka SSID)
		Operable Unit	

QA Document Information

Must be approved prior to sampling. Refer to CIO 2105.0 (formerly 5360.1 A2) for acceptable exceptions.

Title Sampling and Analysis Plan for Site Inspection	Approved by Justin Bleiler	Date 07/16/2019
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Contact Information

Enter digits only - no dashes (-), slashes (/) or (*) for Phone and Cell Number fields!

EPA Project Lead Justin Bleiler	Phone Number 2158143308	Cell Number 3045441649	Email Bleiler.Justin@epa.gov	Contractor NA
Site Leader Heather Metz	Phone Number 3047550721	Cell Number 3049514995	Email hmetz@triadeng.com	
Analytical Request Preparer Shannon Cox	Phone Number 3047550721	Cell Number 3049514995	Email scox@triadeng.com	EPA CO/PO NA

Analysis Information

Use CAPS LOCK when filtering/searching drop-down lists. *Equivalent method substitution allowed

QTY X 27	Matrix Parameter	AIR (SUMMA CANISTER)	Validation Level	M2	Unvalidated Data TAT (number of days)	14	Final Report Due: # of Days from last sample shipped	28
	Method	TO-15						
		TO-15 (TO-15 List)						

If you are editing the Parameter, choose the Method first.

Samples Shipping Dates

Start Date	End Date	Electronic Data Deliverable (EDDs)	*If allowed, OASQA may substitute with an equivalent method which still meets the QL and analyte list requirements.	Quantitation Limits (QLs), Detection Limits (DLs) are: Attached in the Email
09/23/2019	09/26/2019	Yes		

Special Instructions: 1) Indicate below if any samples are potable or select matrix of "potable water" or "drinking water" above. 2) If this will be a reoccurring event, give sampling details. Note: only one ARF is needed per year of sampling. 3) Add any other descriptive information, including QLs, if not attached.)

Appendix 2, Chain of Custody

USEPA CLP COC (REGION COPY)

Date Shipped: 10/16/2019
 Carrier Name: FedEx
 Airbill No: 80096493246

CHAIN OF CUSTODY RECORD

White Park CERCLIS Site/WV
 Case #: 48420
 Cooler #:

No: 3-101619-122448-0010

Lab: Chemtech Consulting Group
 Lab Contact: Mohammad Ahmed
 Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
SS-2	C0003	Soil/ MCW	Grab	BNA(45)	1011 (None) (1)	Surface Soil	10/16/2019 11:30	Field Sample
SS-6	C0007	Soil/ MCW	Grab	BNA(45)	1035 (None) (1)	Surface Soil	10/16/2019 09:45	Field Sample
SB-6	C0020	Soil/ MCW	Grab	VOA(45), BNA(45)	1117 (None), 1118 (None), 1119 (None), 1120 (None), 1121 (None) (5)	Subsurface Soil	10/16/2019 10:00	Field Sample
SB-8	C0022	Soil/ MCW	Grab	VOA(45), BNA(45)	1129 (None), 1130 (None), 1131 (None), 1132 (None), 1133 (None) (5)	Subsurface Soil	10/16/2019 10:00	Field Duplicate
SD-8	C0030	Sediment/ CLLW	Grab	VOA(45), BNA(45)	1189 (None), 1190 (None), 1191 (None), 1192 (None), 1193 (None) (5)	Sediment	10/16/2019 09:20	Field Sample
SW-5	C0045	Surface Water/ CLW	Grab	VOA(45), BNA(45)	1291 (HCl), 1292 (HCl), 1293 (HCl), 1294 (None), 1295 (None) (5)	Surface Water	10/16/2019 09:20	Field Sample
SW-10	C0050	Surface Water/ SLC	Grab	VOA(45)	1328 (HCl), 1329 (HCl), 1330 (HCl) (3)	Surface Water	10/16/2019 10:25	Trip Blank
SW-11	C0051	Water/ SLC	Grab	VOA(45), BNA(45)	1331 (HCl), 1332 (HCl), 1333 (HCl), 1334 (None), 1335 (None) (5)	Surface Water	10/16/2019 10:15	Rinsate
SW-12	C0052	Water/ CLW	Grab	VOA(45), BNA(45)	1338 (HCl), 1339 (HCl), 1340 (HCl), 1341 (None), 1342 (None) (5)	Surface Water	10/16/2019 10:35	Rinsate

Special Instructions:

Analysis Key: BNA=CLP BNA, VOA=CLP Volatiles

Shipment for Case Complete? **N**

Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon A. G. / TRIAD</i>	11/6/19 7:07			

USEPA CLP COC (REGION COPY)

Date Shipped: 10/16/2019
 Carrier Name: FedEx
 Airbill No: 80096493246

CHAIN OF CUSTODY RECORD

White Park CERCLIS Site/WV
 Case #: 48420
 Cooler #:

No: 3-101619-122159-0009

Lab: CHEMTEX - Port Arthur, TX
 Lab Contact: Mohammad Ahmed
 Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
SS-2	MC0003	Soil/ MCW	Grab	ICP-AES(45)	1012 (None) (1)	Surface Soil	10/16/2019 11:30	Field Sample
SS-6	MC0007	Soil/ MCW	Grab	ICP-AES(45)	1036 (None) (1)	Surface Soil	10/16/2019 09:45	Field Sample
SB-6	MC0020	Soil/ MCW	Grab	ICP-AES(45)	1122 (None) (1)	Subsurface Soil	10/16/2019 10:00	Field Sample
SB-8	MC0022	Soil/ MCW	Grab	ICP-AES(45)	1134 (None) (1)	Subsurface Soil	10/16/2019 10:00	Field Duplicate
SD-8	MC0030	Sediment/ CLW	Grab	ICP-AES(45)	1194 (None) (1)	Sediment	10/16/2019 09:20	Field Sample
SW-5	MC0045	Surface Water/ CLW	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1296 (HNO3 pH<2), 1297 (HNO3 pH<2) (2)	Surface Water	10/16/2019 09:20	Field Sample
SW-11	MC0051	Water/ SLC	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1336 (HNO3 pH<2), 1337 (HNO3 pH<2) (2)	Surface Water	10/16/2019 10:15	Rinsate
SW-12	MC0052	Water/ CLW	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1343 (HNO3 pH<2), 1344 (HNO3 pH<2) (2)	Surface Water	10/16/2019 10:35	Rinsate
SW-13	MC0053	Water/ SLC	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1350 (HNO3 pH<2), 1351 (HNO3 pH<2) (2)	Surface Water	10/16/2019 10:05	Rinsate
SD-9	MC0062	Sediment/ MCW	Grab	ICP-AES(45)	1379 (None) (1)	Sediment	10/16/2019 09:20	Field Duplicate

Special Instructions:

Analysis Key: ICP-AES=CLP ICP-AES Metals

Shipment for Case Complete? N
 Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon Cole / TRIAD</i>	11/16/19	<i>708</i>		

USEPA CLP COC (REGION COPY)

Date Shipped: 10/15/2019
 Carrier Name: FedEx
 Airbill No: 800096493235

CHAIN OF CUSTODY RECORD

White Park CERCLIS Site/WV
 Case #: 48420
 Cooler #:

No: 3-101519-183924-0007

Lab: CHEMTEX - Port Arthur, TX
 Lab Contact: Dr. C.N. Reddy
 Lab Phone: 409-983-4575

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
SS-3	MC0004	Soil/ MCW	Grab	ICP-AES(45)	1018 (None) (1)	Surface Soil	10/15/2019 14:45	Field Sample
SS-4	MC0005	Soil/ MCW	Grab	ICP-AES(45)	1024 (None) (1)	Surface Soil	10/15/2019 15:40	Field Sample
SS-5	MC0006	Soil/ MCW	Grab	ICP-AES(45)	1030 (None) (1)	Surface Soil	10/15/2019 10:50	Field Sample
SS-7	MC0008	Soil/ MAF	Grab	ICP-AES(45)	1042 (None) (1)	Surface Soil	10/15/2019 11:50	Field Sample
SB-3	MC0017	Soil/ MCW	Grab	ICP-AES(45)	1104 (None) (1)	Subsurface Soil	10/15/2019 14:50	Field Sample
SB-4	MC0018	Soil/ MCW	Grab	ICP-AES(45)	1110 (None) (1)	Subsurface Soil	10/15/2019 15:45	Field Sample
SB-5	MC0019	Soil/ MCW	Grab	ICP-AES(45)	1116 (None) (1)	Subsurface Soil	10/15/2019 11:00	Field Sample
SD-1	MC0023	Sediment/ MAF	Grab	ICP-AES(45)	1140 (None) (1)	Sediment	10/15/2019 16:20	Field Sample
SD-2	MC0024	Sediment/ MAF	Grab	ICP-AES(45)	1146 (None) (1)	Sediment	10/15/2019 15:20	Field Sample
SD-3	MC0025	Sediment/ MAF	Grab	ICP-AES(45)	1152 (None) (1)	Sediment	10/15/2019 14:30	Field Sample
SD-5	MC0027	Sediment/ MAF	Grab	ICP-AES(45)	1164 (None) (1)	Sediment	10/15/2019 14:00	Field Sample
SD-6	MC0028	Sediment/ MAF	Grab	ICP-AES(45)	1180 (None), 1181 (None), 1182 (None) (3)	Sediment	10/15/2019 09:30	Field Sample
SD-7	MC0029	Sediment/ MAF	Grab	ICP-AES(45)	1188 (None) (1)	Sediment	10/15/2019 11:00	Field Sample
SW-1	MC0041	Surface Water/ MAF	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1268 (HNO3 pH<2), 1269 (HNO3 pH<2), 1303 (HNO3 pH<2), 1304 (HNO3 pH<2), 1310 (HNO3 pH<2), 1311 (HNO3 pH<2) (6)	Surface Water	10/15/2019 15:45	Field Sample

Sample(s) to be used for Lab QC: SD-6 Tag 1181, SD-6 Tag 1182, SW-1 Tag 1303, SW-1 Tag 1304, SW-1 Tag 1310, SW-1 Tag 1311
 Analysis Key: ICP-AES=CLP ICP-AES Metals
Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon Aley / TRIAD</i>	11/6/19 708			

USEPA CLP COC (REGION COPY)

Date Shipped: 10/15/2019
 Carrier Name: FedEx
 Airbill No: 800964627117

CHAIN OF CUSTODY RECORD

White Park CERCLIS Site/WV
 Case #: 48420
 Cooler #:

No: 3-101519-183151-0006

Lab: Chemtech Consulting Group
 Lab Contact: Mohammad Ahmed
 Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
SS-3	C0004	Soil/ MCW	Grab	BNA(45)	1017 (None) (1)	Surface Soil	10/15/2019 14:45	Field Sample
SS-4	C0005	Soil/ MCW	Grab	BNA(45)	1023 (None) (1)	Surface Soil	10/15/2019 15:40	Field Sample
SS-5	C0006	Soil/ MCW	Grab	BNA(45)	1029 (None) (1)	Surface Soil	10/15/2019 10:50	Field Sample
SS-7	C0008	Soil/ MAF	Grab	BNA(45)	1041 (None) (1)	Surface Soil	10/15/2019 11:50	Field Sample
SB-3	C0017	Soil/ MCW	Grab	VOA(45), BNA(45)	1099 (None), 1100 (None), 1101 (None), 1102 (None), 1103 (None) (5)	Subsurface Soil	10/15/2019 14:50	Field Sample
SB-4	C0018	Soil/ MCW	Grab	VOA(45), BNA(45)	1105 (None), 1106 (None), 1107 (None), 1108 (None), 1109 (None) (5)	Subsurface Soil	10/15/2019 15:45	Field Sample
SB-5	C0019	Soil/ MCW	Grab	VOA(45), BNA(45)	1111 (None), 1112 (None), 1113 (None), 1114 (None), 1115 (None) (5)	Subsurface Soil	10/15/2019 11:00	Field Sample
SD-1	C0023	Sediment/ MAF	Grab	VOA(45), BNA(45)	1135 (None), 1136 (None), 1137 (None), 1138 (None), 1139 (None) (5)	Sediment	10/15/2019 16:20	Field Sample
SD-2	C0024	Sediment/ MAF	Grab	VOA(45), BNA(45)	1141 (None), 1142 (None), 1143 (None), 1144 (None), 1145 (None) (5)	Sediment	10/15/2019 15:20	Field Sample

Special Instructions:

Analysis Key: BNA=CLP BNA, VOA=CLP Volatiles

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon Cox TR1740</i>	11/6/19 7:09			

USEPA CLP COC (REGION COPY)

Date Shipped: 10/15/2019
 Carrier Name: FedEx
 Airbill No: 800964627117

CHAIN OF CUSTODY RECORD

White Park CERCLIS Site/WV
 Case #: 48420
 Cooler #:

No: 3-101519-183151-0006

Lab: Chemtech Consulting Group
 Lab Contact: Mohammad Ahmed
 Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
SW-1	C0041	Surface Water/ MAF	Grab	VOA(45), BNA(45)	1263 (HCl), 1264 (HCl), 1265 (HCl), 1266 (None), 1267 (None), 1298 (HCl), 1299 (HCl), 1300 (HCl), 1301 (None), 1302 (None), 1305 (HCl), 1306 (HCl), 1307 (HCl), 1308 (None), 1309 (None) (15)	Surface Water	10/15/2019 15:45	Field Sample
SW-2	C0042	Ground Water/ MAF	Grab	VOA(45), BNA(45)	1270 (HCl), 1271 (HCl), 1272 (HCl), 1273 (None), 1274 (None) (5)	Surface Water	10/15/2019 15:10	Field Sample
SW-3	C0043	Surface Water/ MAF	Grab	VOA(45), BNA(45)	1277 (HCl), 1278 (HCl), 1279 (HCl), 1280 (None), 1281 (None) (5)	Surface Water	10/15/2019 14:30	Field Sample
SW-6	C0046	Surface Water/ MAF	Grab	VOA(45), BNA(45)	1312 (HCl), 1313 (HCl), 1314 (HCl), 1315 (None), 1316 (None) (5)	Surface Water	10/15/2019 15:45	Field Duplicate
SW-8	C0048	Surface Water/ SLC	Grab	VOA(45)	1322 (HCl), 1323 (HCl), 1324 (HCl) (3)	Surface Water	10/15/2019 12:30	Trip Blank

Sample(s) to be used for Lab QC: SW-1 Tag 1309	Shipment for Case Complete? N
Analysis Key: BNA=CLP BNA, VOA=CLP Volatiles	Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon Allen / TRAD</i>	11/6/19 709			

USEPA CLP COC (REGION COPY)

Date Shipped: 10/14/2019
 Carrier Name: FedEx
 Airbill No: 800096493202

CHAIN OF CUSTODY RECORD

White Park CERCLIS Site/WV
 Case #: 48420
 Cooler #:

No: 3-101419-163015-0004
 Lab: Chemtech Consulting Group
 Lab Contact: Mohammad Ahmed
 Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
SS-1	C0002	Soil/ MCW	Grab	BNA(45)	1005 (None) (1)	Surface Soil	10/14/2019 14:50	Field Sample
SS-8	C0009	Soil/ MAF	Grab	BNA(45)	1047 (None) (1)	Surface Soil	10/14/2019 14:40	Field Sample
SS-9	C0010	Soil/ MAF	Grab	BNA(45)	1053 (None) (1)	Surface Soil	10/14/2019 14:55	Field Sample
SS-10	C0011	Soil/ MAF	Grab	BNA(45)	1059 (None) (1)	Surface Soil	10/14/2019 15:05	Field Sample
SS-11	C0012	Soil/ MAF	Grab	BNA(45)	1065 (None) (1)	Surface Soil	10/14/2019 15:25	Field Sample
SB-1	C0015	Soil/ MCW	Grab	VOA(45), BNA(45)	1074 (None), 1075 (None), 1076 (None), 1077 (None), 1078 (None), 1079 (None), 1080 (None), 1081 (None), 1082 (None), 1083 (None), 1084 (None), 1085 (None), 1086 (None), 1087 (None), 1088 (None) (15)	Subsurface Soil	10/14/2019 15:15	Field Sample
SD-4	C0026	Sediment/ MAF	Grab	VOA(45), BNA(45)	1153 (None), 1154 (None), 1155 (None), 1156 (None), 1157 (None) (5)	Sediment	10/14/2019 12:40	Field Sample
SW-4	C0044	Surface Water/ MAF	Grab	VOA(45), BNA(45)	1284 (HCL), 1285 (HCL), 1286 (HCL), 1287 (None), 1288 (None) (5)	Surface Water	10/14/2019 12:40	Field Sample
SW-7	C0047	Surface Water/ SLC	Grab	VOA(45)	1319 (HCL), 1320 (HCL), 1321 (HCL) (3)	Surface Water	10/14/2019 14:50	Trip Blank

Sample(s) to be used for Lab QC: SB-1 Tag 1078, SB-1 Tag 1079, SB-1 Tag 1080, SB-1 Tag 1081, SB-1 Tag 1082, SB-1 Tag 1083, SB-1 Tag 1084, SB-1 Tag 1085, SB-1 Tag 1087, SB-1 Tag 1088

Analysis Key: BNA=CLP BNA, VOA=CLP Volatiles

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon A. ...</i>	11/6/19 7:10			

Appendix 3
Site Photographs



Photograph # 1

Surface soil and subsurface soil sample SS-1/SB-1 location.



Photograph # 2

Surface soil and subsurface soil sample SS-3/SB-3 location.



PROJECT NO. 04-18-0285

Page 1 of 6

DATE: October 14 through 16, 2020

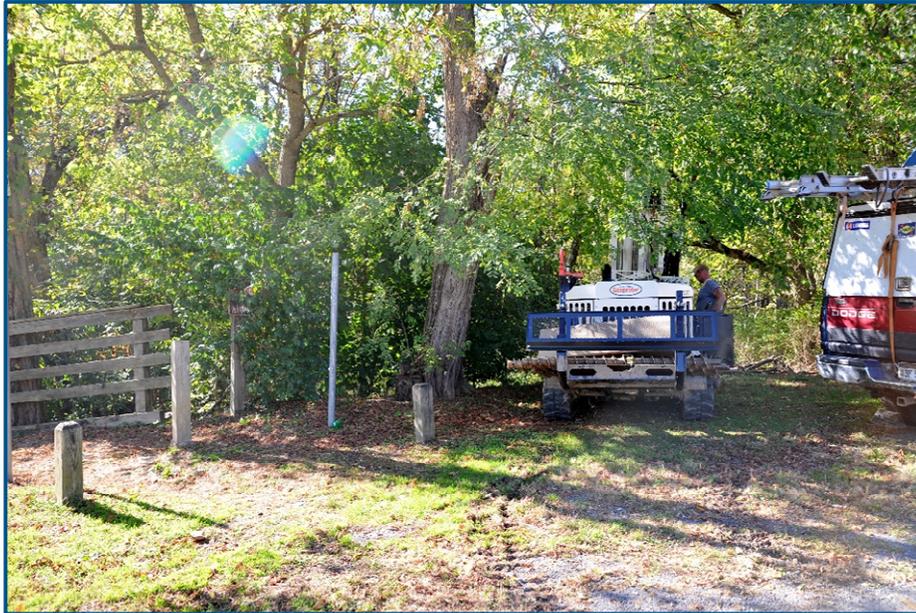
CLIENT: West Virginia Department of Environmental Protection

PROJECT NAME:

White Park CERLCIS Site

Morgantown, Monongalia County, West Virginia

CERCLIS WVD988766168



Photograph # 3

Surface soil and subsurface soil sample SS-4/SB-4 location.



Photograph # 4

Surface soil and subsurface soil sample SS-5/SB-5 location.



PROJECT NO. 04-18-0285

Page 2 of 6

DATE: October 14 through 16, 2020

CLIENT: West Virginia Department of Environmental Protection

PROJECT NAME:
White Park CERLCIS Site
Morgantown, Monongalia County, West Virginia
CERCLIS WVD988766168



Photograph # 5

Surface soil and subsurface soil sample SS-6/SB-6/SB-8 location.



Photograph # 6

Surface soil sample SS-7 location.



PROJECT NO. 04-18-0285

Page 3 of 6

DATE: October 14 through 16, 2020

CLIENT: West Virginia Department of Environmental Protection

PROJECT NAME:

White Park CERLCIS Site

Morgantown, Monongalia County, West Virginia

CERCLIS WVD988766168



Photograph # 7
Surface soil sample SS-8 location.



Photograph # 8
Surface soil sample SS-10 location.



Photograph # 9

Surface water and sediment sample SW-1/SD-1 location on the Cobun Creek Reservoir.



Photograph # 10

Sediment sample SD-5 location.



PROJECT NO. 04-18-0285

Page 5 of 6

DATE: October 14 through 16, 2020

CLIENT: West Virginia Department of Environmental Protection

PROJECT NAME:

White Park CERLCIS Site

Morgantown, Monongalia County, West Virginia

CERCLIS WVD988766168



Photograph # 11
Sediment sample SD-6 location.



Photograph # 12
Surface water and sediment sample SW-4/SD-4 location.

Appendix 4
Organic Data Validation Report

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0002	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 14:50:00
% Moisture:		% Solids: 86.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	78	U	ug/kg	78	U	1.0	YES	S3VEM
Benzaldehyde	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Phenol	Target	73	J	ug/kg	73	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylphenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Acetophenone	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4-Methylphenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chloroaniline	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Caprolactam	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dimethylphthalate	Target	350		ug/kg	350		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Atrazine	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Pentachlorophenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Phenanthrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Carbazole	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluoranthene	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Chrysene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Total Alkanes	TIC	200	N	ug/kg	200	N	1.0	YES	NV
Toluene	TIC	14000	JN	ug/kg	14000	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0004	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 14:45:00
% Moisture:		% Solids: 84.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	79	U	ug/kg	79	U	1.0	YES	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenol	Target	89	J	ug/kg	89	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dimethylphthalate	Target	520		ug/kg	520		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenanthrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluoranthene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Chrysene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Total Alkanes	TIC	290	N	ug/kg	290	N	1.0	YES	NV
n-Hexadecanoic acid	TIC	83	JN	ug/kg	83	JN	1.0	YES	NV
Diethylene glycol dibenzoate	TIC	91	JN	ug/kg	91	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0005	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 15:40:00
% Moisture:		% Solids: 87.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	77	U	ug/kg	77	U	1.0	YES	S3VEM
Benzaldehyde	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Phenol	Target	62	J	ug/kg	62	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Acetophenone	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4-Methylphenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chloroaniline	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	370		ug/kg	370		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Pentachlorophenol	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluoranthene	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	380	U	ug/kg	380	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1-Heneicosanol	TIC	220	JN	ug/kg	220	JN	1.0	YES	NV
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0006	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 10:50:00
% Moisture:		% Solids: 73.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	91	U	ug/kg	91	U	1.0	YES	S3VEM
Benzaldehyde	Target	62	J	ug/kg	62	J	1.0	YES	S3VEM
Phenol	Target	84	J	ug/kg	84	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
2-Chlorophenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2-Methylphenol	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Acetophenone	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
4-Methylphenol	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Hexachloroethane	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Nitrobenzene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Isophorone	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2-Nitrophenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Naphthalene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
4-Chloroaniline	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Caprolactam	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2-Nitroaniline	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Dimethylphthalate	Target	400		ug/kg	400		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Acenaphthylene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
3-Nitroaniline	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Acenaphthene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
4-Nitrophenol	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Dibenzofuran	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Diethylphthalate	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Fluorene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
4-Nitroaniline	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Atrazine	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Pentachlorophenol	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Phenanthrene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Anthracene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Carbazole	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Pyrene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Chrysene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	450	U	ug/kg	450	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	230	U	ug/kg	230	U	1.0	YES	S3VEM
Total Alkanes	TIC	290	N	ug/kg	290	N	1.0	YES	NV
Behenic alcohol	TIC	300	JN	ug/kg	300	JN	1.0	YES	NV
2-Bromo dodecane	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV
2,2-(Ethane-1,2-diylbis(oxy))bis(TIC	210	JN	ug/kg	210	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0008	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 11:50:00
% Moisture:		% Solids: 84.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	80	U	ug/kg	80	U	1.0	YES	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenol	Target	85	J	ug/kg	85	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Methylphenol	Target	44	J	ug/kg	44	J	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Naphthalene	Target	48	J	ug/kg	48	J	1.0	YES	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	82	J	ug/kg	82	J	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dimethylphthalate	Target	300		ug/kg	300		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenanthrene	Target	300		ug/kg	300		1.0	YES	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluoranthene	Target	350	J	ug/kg	350	J	1.0	YES	S3VEM
Pyrene	Target	320		ug/kg	320		1.0	YES	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	150	J	ug/kg	150	J	1.0	YES	S3VEM
Chrysene	Target	190	J	ug/kg	190	J	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	200		ug/kg	200		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	61	J	ug/kg	61	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	140	J	ug/kg	140	J	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	90	J	ug/kg	90	J	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	98	J	ug/kg	98	J	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Phenanthrene, 2-methyl-	TIC	120	JN	ug/kg	120	JN	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	230	JN	ug/kg	230	JN	1.0	YES	NV
1-Heneicosyl formate	TIC	520	JN	ug/kg	520	JN	1.0	YES	NV
Total Alkanes	TIC	970	N	ug/kg	970	N	1.0	YES	NV
11H-Benzo[b]fluorene	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV
Heptacosyl acetate	TIC	510	JN	ug/kg	510	JN	1.0	YES	NV
Phenanthrene, 2,5-dimethyl-	TIC	120	JN	ug/kg	120	JN	1.0	YES	NV
Anthracene, 2-methyl-	TIC	82	JN	ug/kg	82	JN	1.0	YES	NV
Naphthalene, 2,3,6-trimethyl-	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0009	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 14:40:00
% Moisture:		% Solids: 39.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzaldehyde	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Phenol	Target	180	J	ug/kg	180	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
2-Chlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Methylphenol	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Acetophenone	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
4-Methylphenol	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachloroethane	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Nitrobenzene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Isophorone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Naphthalene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloroaniline	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Caprolactam	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dimethylphthalate	Target	560		ug/kg	560		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthylene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
3-Nitroaniline	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Acenaphthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
4-Nitrophenol	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Dibenzofuran	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Diethylphthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Fluorene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitroaniline	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Atrazine	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Pentachlorophenol	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Phenanthrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Anthracene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Carbazole	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Pyrene	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
Butylbenzylphthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Chrysene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	830	U	ug/kg	830	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Nonadecyl heptafluorobutyrate	TIC	400	JN	ug/kg	400	JN	1.0	YES	NV
Total Alkanes	TIC	490	N	ug/kg	490	N	1.0	YES	NV
Octadecane, 1-chloro-	TIC	380	JN	ug/kg	380	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0010	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 14:55:00
% Moisture:		% Solids: 21.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzaldehyde	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Phenol	Target	210	J	ug/kg	210	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
2-Chlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Methylphenol	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Acetophenone	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
4-Methylphenol	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Hexachloroethane	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Nitrobenzene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Isophorone	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Nitrophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Naphthalene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Chloroaniline	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Caprolactam	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Dimethylphthalate	Target	1100		ug/kg	1100		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acenaphthylene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
3-Nitroaniline	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Acenaphthene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
4-Nitrophenol	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Dibenzofuran	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Diethylphthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Fluorene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Nitroaniline	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Atrazine	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Pentachlorophenol	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Phenanthrene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Anthracene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Fluoranthene	Target	94	J	ug/kg	94	J	1.0	YES	S3VEM
Pyrene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Chrysene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	930	U	ug/kg	930	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
unknown-01	TIC	320	J	ug/kg	320	J	1.0	YES	NV
Tridecane, 1-iodo-	TIC	280	JN	ug/kg	280	JN	1.0	YES	NV
Total Alkanes	TIC	1300	N	ug/kg	1300	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0011	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 15:05:00
% Moisture:		% Solids: 71.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	94	U	ug/kg	94	U	1.0	YES	S3VEM
Benzaldehyde	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Phenol	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
2-Chlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylphenol	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Acetophenone	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
4-Methylphenol	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachloroethane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Nitrobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Isophorone	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitrophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Naphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Chloroaniline	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Caprolactam	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitroaniline	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Dimethylphthalate	Target	430		ug/kg	430		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Acenaphthylene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
3-Nitroaniline	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Acenaphthene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
4-Nitrophenol	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Dibenzofuran	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Diethylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Fluorene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Nitroaniline	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Atrazine	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Pentachlorophenol	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Phenanthrene	Target	270		ug/kg	270		1.0	YES	S3VEM
Anthracene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Carbazole	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	720		ug/kg	720		1.0	YES	S3VEM
Pyrene	Target	530		ug/kg	530		1.0	YES	S3VEM
Butylbenzylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	350		ug/kg	350		1.0	YES	S3VEM
Chrysene	Target	360		ug/kg	360		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	460	U	ug/kg	460	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	410		ug/kg	410		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	230	J	ug/kg	230	J	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	180	J	ug/kg	180	J	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	63	J	ug/kg	63	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	170	J	ug/kg	170	J	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Phenanthrene, 2-methyl-	TIC	93	JN	ug/kg	93	JN	1.0	YES	NV
Eicosyl pentafluoropropionate	TIC	390	JN	ug/kg	390	JN	1.0	YES	NV
Benzo[e]pyrene	TIC	170	JN	ug/kg	170	JN	1.0	YES	NV
Total Alkanes	TIC	590	N	ug/kg	590	N	1.0	YES	NV
1-Heptacosanol	TIC	510	JN	ug/kg	510	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0012	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 15:25:00
% Moisture:		% Solids: 76.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	88	U	ug/kg	88	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	61	J	ug/kg	61	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	290		ug/kg	290		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	310		ug/kg	310		1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	44	J	ug/kg	44	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	2900		ug/kg	2900		1.0	YES	S3VEM
Anthracene	Target	570		ug/kg	570		1.0	YES	S3VEM
Carbazole	Target	410	J	ug/kg	410	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	4200		ug/kg	4200		1.0	YES	S3VEM
Pyrene	Target	5400		ug/kg	5400	D	2.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	2700		ug/kg	2700		1.0	YES	S3VEM
Chrysene	Target	2600		ug/kg	2600		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	3000		ug/kg	3000		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	1200		ug/kg	1200		1.0	YES	S3VEM
Benzo(a)pyrene	Target	2200		ug/kg	2200		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1400		ug/kg	1400		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	430		ug/kg	430		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	1600		ug/kg	1600		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Pyrene, 1-methyl-	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV
Naphthalene, 1,2-dihydro-4-phenyl-	TIC	160	JN	ug/kg	160	JN	1.0	YES	NV
9,10-Anthracenedione	TIC	580	JN	ug/kg	580	JN	1.0	YES	NV
Benzo[e]pyrene	TIC	480	JN	ug/kg	480	JN	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	430	JN	ug/kg	430	JN	1.0	YES	NV
Pyrene, 2-methyl-	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV
1H-Indene, 2-phenyl-	TIC	200	JN	ug/kg	200	JN	1.0	YES	NV
Total Alkanes	TIC	180	N	ug/kg	180	N	1.0	YES	NV
Anthracene, 1,4-dimethyl-	TIC	97	JN	ug/kg	97	JN	1.0	YES	NV
Phenanthrene, 3,6-dimethyl-	TIC	360	JN	ug/kg	360	JN	1.0	YES	NV
Naphthalene, 2-phenyl-	TIC	390	JN	ug/kg	390	JN	1.0	YES	NV
Dinaphtho[1,2-b:1,2-d]furan	TIC	390	JN	ug/kg	390	JN	1.0	YES	NV
Benzo(a)acridine	TIC	160	JN	ug/kg	160	JN	1.0	YES	NV
Anthrone	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV
Phenanthrene, 2,5-dimethyl-	TIC	93	JN	ug/kg	93	JN	1.0	YES	NV
11H-Benzo[a]fluoren-11-one	TIC	140	JN	ug/kg	140	JN	1.0	YES	NV
Benzo[b]naphtho[2,1-d]thiophene	TIC	130	JN	ug/kg	130	JN	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	720	JN	ug/kg	720	JN	1.0	YES	NV
Benzo(b)carbazole	TIC	89	JN	ug/kg	89	JN	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	540	JN	ug/kg	540	JN	1.0	YES	NV
9H-Fluoren-9-one	TIC	270	JN	ug/kg	270	JN	1.0	YES	NV
2-Hydroxy-4-methyl-5-(p-tolylazo)-	TIC	460	JN	ug/kg	460	JN	1.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	540	JN	ug/kg	540	JN	1.0	YES	NV
Phenanthrene, 4,5-dimethyl-	TIC	120	JN	ug/kg	120	JN	1.0	YES	NV
Dibenzothiophene	TIC	130	JN	ug/kg	130	JN	1.0	YES	NV
Phenanthrene, 4-methyl-	TIC	240	JN	ug/kg	240	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0015	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 15:15:00
% Moisture:		% Solids: 84.6	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	79	U	ug/kg	79	U	1.0	YES	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenol	Target	52	J	ug/kg	52	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dimethylphthalate	Target	190	J	ug/kg	190	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenanthrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluoranthene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Chrysene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Total Alkanes	TIC	130	N	ug/kg	130	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0015	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 15:15:00
% Moisture:		% Solids: 84.6	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	9.9	U	ug/kg	9.9	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	16		ug/kg	16		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	9.9	U	ug/kg	9.9	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	9.9	U	ug/kg	9.9	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	9.9	U	ug/kg	9.9	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0017	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 14:50:00
% Moisture:		% Solids: 89.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	75	U	ug/kg	75	U	1.0	YES	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenol	Target	93	J	ug/kg	93	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	390		ug/kg	390		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluoranthene	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Total Alkanes	TIC	120	N	ug/kg	120	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0017	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 14:50:00
% Moisture:		% Solids: 89.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Chloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Bromomethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Chloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Methylene chloride	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Chloroform	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Cyclohexane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Benzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Trichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Toluene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
o-xylene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Styrene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Bromoform	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0018	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 93.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	72	U	ug/kg	72	U	1.0	YES	S3VEM
Benzaldehyde	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Phenol	Target	91	J	ug/kg	91	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
2-Chlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Methylphenol	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Acetophenone	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
4-Methylphenol	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Hexachloroethane	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Nitrobenzene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Isophorone	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Nitrophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Naphthalene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Chloroaniline	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Caprolactam	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Nitroaniline	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Dimethylphthalate	Target	510		ug/kg	510		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Acenaphthylene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
3-Nitroaniline	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Acenaphthene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
4-Nitrophenol	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Dibenzofuran	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Diethylphthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Fluorene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Nitroaniline	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Atrazine	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Pentachlorophenol	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Phenanthrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Anthracene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Fluoranthene	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Pyrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Chrysene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	350	U	ug/kg	350	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Behenic alcohol	TIC	290	JN	ug/kg	290	JN	1.0	YES	NV
Total Alkanes	TIC	230	N	ug/kg	230	N	1.0	YES	NV
Hexadecane, 1-iodo-	TIC	150	JN	ug/kg	150	JN	1.0	YES	NV
Squalene	TIC	82	JN	ug/kg	82	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0018	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 93.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Bromomethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Acetone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Carbon disulfide	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methylene chloride	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Bromochloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chloroform	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Cyclohexane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Benzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Trichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Toluene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Dibromochloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Ethylbenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
o-xylene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Styrene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Bromoform	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0019	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 11:00:00
% Moisture:		% Solids: 92.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	73	U	ug/kg	73	U	1.0	YES	S3VEM
Benzaldehyde	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Phenol	Target	81	J	ug/kg	81	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
2-Chlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Methylphenol	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Acetophenone	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
4-Methylphenol	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Hexachloroethane	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Nitrobenzene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Isophorone	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Nitrophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Naphthalene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Chloroaniline	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Caprolactam	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2-Nitroaniline	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Dimethylphthalate	Target	480		ug/kg	480		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Acenaphthylene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
3-Nitroaniline	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Acenaphthene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
4-Nitrophenol	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Dibenzofuran	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Diethylphthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Fluorene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Nitroaniline	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Atrazine	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Pentachlorophenol	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Phenanthrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Anthracene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Fluoranthene	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Pyrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Chrysene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	360	U	ug/kg	360	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	180	U	ug/kg	180	U	1.0	YES	S3VEM
n-Hexadecanoic acid	TIC	98	JN	ug/kg	98	JN	1.0	YES	NV
Total Alkanes	TIC	390	N	ug/kg	390	N	1.0	YES	NV
Squalene	TIC	100	JN	ug/kg	100	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0019	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 11:00:00
% Moisture:		% Solids: 92.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Bromomethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methylene chloride	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chloroform	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Cyclohexane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Benzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Trichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Toluene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
o-xylene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Styrene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Bromoform	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0023	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 16:20:00
% Moisture:		% Solids: 40.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzaldehyde	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Phenol	Target	140	J	ug/kg	140	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
2-Chlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Methylphenol	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Acetophenone	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
4-Methylphenol	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachloroethane	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Nitrobenzene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Isophorone	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Naphthalene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Chloroaniline	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Caprolactam	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	820	UJ	ug/kg	820	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Dimethylphthalate	Target	690		ug/kg	690		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acenaphthylene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
3-Nitroaniline	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Acenaphthene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	820	UJ	ug/kg	820	U	1.0	YES	S3VEM
4-Nitrophenol	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Dibenzofuran	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Diethylphthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Fluorene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Nitroaniline	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Atrazine	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Pentachlorophenol	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Phenanthrene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Anthracene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Fluoranthene	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Pyrene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Chrysene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	820	U	ug/kg	820	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Squalene	TIC	360	JN	ug/kg	360	JN	1.0	YES	NV
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0023	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 16:20:00
% Moisture:		% Solids: 40.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Vinyl chloride	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Bromomethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Acetone	Target	40	U	ug/kg	40	U	1.0	YES	S3VEM
Carbon disulfide	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methyl Acetate	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methylene chloride	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
2-Butanone	Target	40	U	ug/kg	40	U	1.0	YES	S3VEM
Bromochloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chloroform	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Cyclohexane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Benzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Trichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methylcyclohexane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Bromodichloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	40	U	ug/kg	40	U	1.0	YES	S3VEM
Toluene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Tetrachloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
2-Hexanone	Target	40	U	ug/kg	40	U	1.0	YES	S3VEM
Dibromochloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Ethylbenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
o-xylene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
m,p-Xylene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Styrene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Bromoform	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Isopropylbenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0024	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 15:20:00
% Moisture:		% Solids: 41.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	160	U	ug/kg	160	U	1.0	YES	S3VEM
Benzaldehyde	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Phenol	Target	230	J	ug/kg	230	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
2-Chlorophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2-Methylphenol	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Acetophenone	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
4-Methylphenol	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Hexachloroethane	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Nitrobenzene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Isophorone	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2-Nitrophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Naphthalene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Chloroaniline	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Caprolactam	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	800	UJ	ug/kg	800	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Dimethylphthalate	Target	590		ug/kg	590		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Acenaphthylene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
3-Nitroaniline	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Acenaphthene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	800	UJ	ug/kg	800	U	1.0	YES	S3VEM
4-Nitrophenol	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Dibenzofuran	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Diethylphthalate	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Fluorene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Nitroaniline	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Atrazine	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Pentachlorophenol	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Phenanthrene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Anthracene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Carbazole	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Pyrene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Chrysene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	800	U	ug/kg	800	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Heptadecyl heptafluorobutyrate	TIC	200	JN	ug/kg	200	JN	1.0	YES	NV
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0024	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 15:20:00
% Moisture:		% Solids: 41.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Chloromethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Vinyl chloride	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Bromomethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Chloroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Acetone	Target	35	U	ug/kg	35	U	1.0	YES	S3VEM
Carbon disulfide	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Methyl Acetate	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Methylene chloride	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
2-Butanone	Target	35	U	ug/kg	35	U	1.0	YES	S3VEM
Bromochloromethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Chloroform	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Cyclohexane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Benzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Trichloroethene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Methylcyclohexane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Bromodichloromethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	35	U	ug/kg	35	U	1.0	YES	S3VEM
Toluene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Tetrachloroethene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
2-Hexanone	Target	35	U	ug/kg	35	U	1.0	YES	S3VEM
Dibromochloromethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Chlorobenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Ethylbenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
o-xylene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
m,p-Xylene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Styrene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Bromoform	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Isopropylbenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0025	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 14:30:00
% Moisture:		% Solids: 39.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzaldehyde	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Phenol	Target	190	J	ug/kg	190	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
2-Chlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Methylphenol	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Acetophenone	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
4-Methylphenol	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachloroethane	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Nitrobenzene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Isophorone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Naphthalene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloroaniline	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Caprolactam	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	840	UJ	ug/kg	840	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dimethylphthalate	Target	620		ug/kg	620		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthylene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
3-Nitroaniline	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Acenaphthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	840	UJ	ug/kg	840	U	1.0	YES	S3VEM
4-Nitrophenol	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Dibenzofuran	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Diethylphthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Fluorene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitroaniline	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Atrazine	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Pentachlorophenol	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Phenanthrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Anthracene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Fluoranthene	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Pyrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Chrysene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	840	U	ug/kg	840	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Total Alkanes	TIC	190	N	ug/kg	190	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0025	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 14:30:00
% Moisture:		% Solids: 39.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Vinyl chloride	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Bromomethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Acetone	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Carbon disulfide	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methyl Acetate	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methylene chloride	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
2-Butanone	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Bromochloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chloroform	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Cyclohexane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Benzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Trichloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Methylcyclohexane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Bromodichloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Toluene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Tetrachloroethene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
2-Hexanone	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Dibromochloromethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Chlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Ethylbenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
o-xylene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
m,p-Xylene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Styrene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Bromoform	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Isopropylbenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	20	U	ug/kg	20	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0026	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/14/2019	Sample Time: 12:40:00
% Moisture:		% Solids: 20.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzaldehyde	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Phenol	Target	140	J	ug/kg	140	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
2-Chlorophenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2-Methylphenol	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Acetophenone	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
4-Methylphenol	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Hexachloroethane	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Nitrobenzene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Isophorone	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2-Nitrophenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Naphthalene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
4-Chloroaniline	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Caprolactam	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2-Nitroaniline	Target	490	R	ug/kg	490	U	1.0	YES	S3VEM
Dimethylphthalate	Target	820		ug/kg	820		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Acenaphthylene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
3-Nitroaniline	Target	950	R	ug/kg	950	U	1.0	YES	S3VEM
Acenaphthene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	950	R	ug/kg	950	U	1.0	YES	S3VEM
4-Nitrophenol	Target	950	R	ug/kg	950	U	1.0	YES	S3VEM
Dibenzofuran	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Diethylphthalate	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Fluorene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
4-Nitroaniline	Target	950	R	ug/kg	950	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	950	R	ug/kg	950	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Atrazine	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Pentachlorophenol	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Phenanthrene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Anthracene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Fluoranthene	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Pyrene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Chrysene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	950	U	ug/kg	950	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	490	U	ug/kg	490	U	1.0	YES	S3VEM
Tridecane, 1-iodo-	TIC	230	JN	ug/kg	230	JN	1.0	YES	NV
Total Alkanes	TIC	1100	N	ug/kg	1100	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0026	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/14/2019	Sample Time: 12:40:00
% Moisture:		% Solids: 20.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Chloromethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Vinyl chloride	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Bromomethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Chloroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Acetone	Target	110	U	ug/kg	110	U	1.0	YES	S3VEM
Carbon disulfide	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Methyl Acetate	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Methylene chloride	Target	130		ug/kg	130		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
2-Butanone	Target	110	U	ug/kg	110	U	1.0	YES	S3VEM
Bromochloromethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Chloroform	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Cyclohexane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Benzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Trichloroethene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Methylcyclohexane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Bromodichloromethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	110	U	ug/kg	110	U	1.0	YES	S3VEM
Toluene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Tetrachloroethene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
2-Hexanone	Target	110	U	ug/kg	110	U	1.0	YES	S3VEM
Dibromochloromethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Chlorobenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Ethylbenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
o-xylene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
m,p-Xylene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Styrene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Bromoform	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Isopropylbenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	54	U	ug/kg	54	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0027	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 14:00:00
% Moisture:		% Solids: 69.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	97	U	ug/kg	97	U	1.0	YES	S3VEM
Benzaldehyde	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Phenol	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Chlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acetophenone	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Hexachloroethane	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Nitrobenzene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Isophorone	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Nitrophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Naphthalene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
4-Chloroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Caprolactam	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Nitroaniline	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Dimethylphthalate	Target	380		ug/kg	380		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Acenaphthylene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
3-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acenaphthene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
4-Nitrophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Dibenzofuran	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Diethylphthalate	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Fluorene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
4-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Atrazine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Pentachlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Phenanthrene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Anthracene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Fluoranthene	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Pyrene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Chrysene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Bromo dodecane	TIC	130	JN	ug/kg	130	JN	1.0	YES	NV
Total Alkanes	TIC	610	N	ug/kg	610	N	1.0	YES	NV
Guaia-9,11-diene	TIC	2800	JN	ug/kg	2800	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0027	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 14:00:00
% Moisture:		% Solids: 69.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Vinyl chloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromomethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Acetone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Carbon disulfide	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methyl Acetate	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methylene chloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
2-Butanone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Bromochloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloroform	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Cyclohexane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Benzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Trichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methylcyclohexane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromodichloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Toluene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Tetrachloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
2-Hexanone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Dibromochloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Ethylbenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
o-xylene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
m,p-Xylene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Styrene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromoform	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Isopropylbenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0044	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/14/2019	Sample Time: 12:40:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	1.4	J	ug/L	1.4	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC	28	N	ug/L	28	N	1.0	YES	NV
2-Bromo dodecane	TIC	2.0	JN	ug/L	2.0	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0044	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/14/2019	Sample Time: 12:40:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	3.7	J	ug/L	3.7	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
unknown-01	TIC	4.5	JB	ug/L	4.5	JB	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: C0047	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/14/2019	Sample Time: 14:50:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	26	U	ug/L	26	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	4.8	J	ug/L	4.8	J	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
unknown-01	TIC	6.3	JB	ug/L	6.3	JB	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: SBLK35	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	67	U	ug/kg	67	U	1.0	YES	S3VEM
Benzaldehyde	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Phenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2-Chlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Acetophenone	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachloroethane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Nitrobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Isophorone	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Nitrophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Naphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Chloroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Caprolactam	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Nitroaniline	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Dimethylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Acenaphthylene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
3-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Acenaphthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Nitrophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Dibenzofuran	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Diethylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Fluorene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Atrazine	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Pentachlorophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Phenanthrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Fluoranthene	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Chrysene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: SBLK36	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location:	pH: 6	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: VBLK06	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: VBLK07	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: VBLK08	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: VBLK62	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
unknown-01	TIC	5.3	J	ug/L	5.3	J	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: VHBLK01	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH: 1.0	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
unknown-01	TIC	4.9	JB	ug/L	4.9	JB	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Number: VHBLK02	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Vinyl chloride	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Bromomethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Acetone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Carbon disulfide	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methyl Acetate	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methylene chloride	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
2-Butanone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Bromochloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chloroform	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Cyclohexane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Benzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Trichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methylcyclohexane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Bromodichloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Toluene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Tetrachloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
2-Hexanone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Dibromochloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Ethylbenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
o-xylene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
m,p-Xylene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Styrene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Bromoform	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Isopropylbenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0002

Lab Name: Chemtech Consulting Group

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0003	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 11:30:00
% Moisture:		% Solids: 84.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	79	U	ug/kg	79	U	1.0	YES	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenol	Target	84	J	ug/kg	84	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dimethylphthalate	Target	370		ug/kg	370		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Acenaphthylene	Target	900		ug/kg	900		1.0	YES	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acenaphthene	Target	140	J	ug/kg	140	J	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Dibenzofuran	Target	210		ug/kg	210		1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluorene	Target	210		ug/kg	210		1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenanthrene	Target	8700		ug/kg	8700	D	10.0	YES	S3VEM
Anthracene	Target	1800		ug/kg	1800		1.0	YES	S3VEM
Carbazole	Target	790		ug/kg	790		1.0	YES	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluoranthene	Target	22000		ug/kg	22000	D	10.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Pyrene	Target	16000		ug/kg	16000	D	10.0	YES	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	8300		ug/kg	8300	D	10.0	YES	S3VEM
Chrysene	Target	7700		ug/kg	7700	D	10.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	9000		ug/kg	9000	D	10.0	YES	S3VEM
Benzo(k)fluoranthene	Target	3000		ug/kg	3000		1.0	YES	S3VEM
Benzo(a)pyrene	Target	7200		ug/kg	7200	D	10.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5100		ug/kg	5100	D	10.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	1400		ug/kg	1400		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5700		ug/kg	5700	D	10.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Anthracene, 1,2,3,4-tetrahydro-	TIC	270	JN	ug/kg	270	JN	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	480	JN	ug/kg	480	JN	1.0	YES	NV
Dibenzothiophene	TIC	490	JN	ug/kg	490	JN	1.0	YES	NV
Picene	TIC	460	JN	ug/kg	460	JN	1.0	YES	NV
Benzo[e]pyrene	TIC	1600	JN	ug/kg	1600	JN	1.0	YES	NV
Benzo[b]naphtho[2,1-d]thiophene	TIC	120	JN	ug/kg	120	JN	1.0	YES	NV
Total Alkanes	TIC	520	B	ug/kg	520	B	1.0	YES	NV
Dibenzo[a,e]cyclooctene	TIC	310	JN	ug/kg	310	JN	1.0	YES	NV
Naphthalene, 2-phenyl-	TIC	1100	JN	ug/kg	1100	JN	1.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	1100	JN	ug/kg	1100	JN	1.0	YES	NV
Dinaphtho[1,2-b:1,2-d]furan	TIC	1200	JN	ug/kg	1200	JN	1.0	YES	NV
11H-Indeno(1,2-b)quinoline	TIC	93	JN	ug/kg	93	JN	1.0	YES	NV
Phenalenol[1,9-bc]thiophene	TIC	120	JN	ug/kg	120	JN	1.0	YES	NV
unknown-01	TIC	160	J	ug/kg	160	J	1.0	YES	NV
.beta.-Pinene	TIC	540	JN	ug/kg	540	JN	1.0	YES	NV
Phenanthro[3,4-c]furan-1,3-dione	TIC	290	JN	ug/kg	290	JN	1.0	YES	NV
4,4-Bis(tetrahydrothiopyran)	TIC	220	JN	ug/kg	220	JN	1.0	YES	NV
Dibenzofuran, 4-methyl-	TIC	260	JN	ug/kg	260	JN	1.0	YES	NV
Benzoxazole, 2-[2-(4-piperidyl)pyr	TIC	420	JN	ug/kg	420	JN	1.0	YES	NV
Phenanthrene, 4-methyl-	TIC	860	JN	ug/kg	860	JN	1.0	YES	NV
Dibenzo[def,mno]chrysene	TIC	1500	JN	ug/kg	1500	JN	1.0	YES	NV
9,10-Anthracenedione	TIC	1000	JN	ug/kg	1000	JN	1.0	YES	NV
unknown-02	TIC	1100	J	ug/kg	1100	J	1.0	YES	NV
Benz(a)anthracene-7-carbonitrile	TIC	1400	JN	ug/kg	1400	JN	1.0	YES	NV
11H-Benzo[a]fluoren-11-one	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV
9H-Fluoren-9-one	TIC	350	JN	ug/kg	350	JN	1.0	YES	NV
Phenanthrene, 2,5-dimethyl-	TIC	420	JN	ug/kg	420	JN	1.0	YES	NV
Anthraquinone, 2,6-dichloro-	TIC	960	JN	ug/kg	960	JN	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	1300	JN	ug/kg	1300	JN	1.0	YES	NV
Cyclopenta(cd)pyrene, 3,4-dihydro-	TIC	96	JN	ug/kg	96	JN	1.0	YES	NV
Pyrene, 1-methyl-	TIC	100	JN	ug/kg	100	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0007	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 09:45:00
% Moisture:		% Solids: 81.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	82	U	ug/kg	82	U	1.0	YES	S3VEM
Benzaldehyde	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Phenol	Target	78	J	ug/kg	78	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2-Methylphenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Acetophenone	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Methylphenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Naphthalene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
4-Chloroaniline	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Caprolactam	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Dimethylphthalate	Target	390		ug/kg	390		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Acenaphthylene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
3-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Acenaphthene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4-Nitrophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Dibenzofuran	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Fluorene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
4-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Atrazine	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Pentachlorophenol	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Phenanthrene	Target	320		ug/kg	320		1.0	YES	S3VEM
Anthracene	Target	48	J	ug/kg	48	J	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	50	J	ug/kg	50	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
Fluoranthene	Target	930		ug/kg	930		1.0	YES	S3VEM
Pyrene	Target	650		ug/kg	650		1.0	YES	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	410	U	ug/kg	410	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	390		ug/kg	390		1.0	YES	S3VEM
Chrysene	Target	450		ug/kg	450		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	61	J	ug/kg	61	J	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	73	J	ug/kg	73	J	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	530		ug/kg	530		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	200	J	ug/kg	200	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	400		ug/kg	400		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	300		ug/kg	300		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	83	J	ug/kg	83	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	360		ug/kg	360		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	YES	S3VEM
n-Hexadecanoic acid	TIC	160	JN	ug/kg	160	JN	1.0	YES	NV
Total Alkanes	TIC	190	B	ug/kg	190	B	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0020	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 10:00:00
% Moisture:		% Solids: 78.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	85	U	ug/kg	85	U	1.0	YES	S3VEM
Benzaldehyde	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenol	Target	62	J	ug/kg	62	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acetophenone	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	230		ug/kg	230		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Pentachlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenanthrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluoranthene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Chrysene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV
1-Heneicosanol	TIC	280	JN	ug/kg	280	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0020	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 10:00:00
% Moisture:		% Solids: 78.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Bromomethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methylene chloride	Target	22		ug/kg	22		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chloroform	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Cyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Benzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Trichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Toluene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
o-xylene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Styrene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Bromoform	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0022	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 10:00:00
% Moisture:		% Solids: 75.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	88	U	ug/kg	88	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	84	J	ug/kg	84	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	310		ug/kg	310		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluoranthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Chrysene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV
1-Heneicosanol	TIC	290	JN	ug/kg	290	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0022	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 10:00:00
% Moisture:		% Solids: 75.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Bromomethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Acetone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Carbon disulfide	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methylene chloride	Target	17		ug/kg	17		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Bromochloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chloroform	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Cyclohexane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Benzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Trichloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Toluene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Dibromochloromethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Chlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Ethylbenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
o-xylene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Styrene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Bromoform	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.2	U	ug/kg	6.2	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0028	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 09:30:00
% Moisture:		% Solids: 77.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	86	U	ug/kg	86	U	1.0	YES	S3VEM
Benzaldehyde	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenol	Target	74	J	ug/kg	74	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acetophenone	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	360		ug/kg	360		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Pentachlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenanthrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluoranthene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Chrysene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Total Alkanes	TIC	190	B	ug/kg	190	B	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0028	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 09:30:00
% Moisture:		% Solids: 77.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Vinyl chloride	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Bromomethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Acetone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Carbon disulfide	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methyl Acetate	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methylene chloride	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
2-Butanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Bromochloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chloroform	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Cyclohexane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Benzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Trichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methylcyclohexane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Bromodichloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Toluene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Tetrachloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
2-Hexanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Dibromochloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Ethylbenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
o-xylene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
m,p-Xylene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Styrene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Bromoform	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Isopropylbenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0029	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 11:00:00
% Moisture:		% Solids: 64.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	100	U	ug/kg	100	U	1.0	YES	S3VEM
Benzaldehyde	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Phenol	Target	81	J	ug/kg	81	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
2-Chlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Methylphenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Acetophenone	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4-Methylphenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachloroethane	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Nitrobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Isophorone	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Nitrophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Naphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Chloroaniline	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Caprolactam	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Nitroaniline	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Dimethylphthalate	Target	280		ug/kg	280		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Acenaphthylene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
3-Nitroaniline	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Acenaphthene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4-Nitrophenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Dibenzofuran	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Diethylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Fluorene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Nitroaniline	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Atrazine	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Pentachlorophenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Phenanthrene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Anthracene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Fluoranthene	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Pyrene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Chrysene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Total Alkanes	TIC	100	B	ug/kg	100	B	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0029	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 11:00:00
% Moisture:		% Solids: 64.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Chloromethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Vinyl chloride	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Bromomethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Chloroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Acetone	Target	36		ug/kg	36		1.0	YES	S3VEM
Carbon disulfide	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Methyl Acetate	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Methylene chloride	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
2-Butanone	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Bromochloromethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Chloroform	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Cyclohexane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Benzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Trichloroethene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Methylcyclohexane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Bromodichloromethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Toluene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Tetrachloroethene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
2-Hexanone	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Dibromochloromethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Chlorobenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Ethylbenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
o-xylene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
m,p-Xylene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Styrene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Bromoform	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Isopropylbenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	9.7	U	ug/kg	9.7	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0030	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 77.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	86	U	ug/kg	86	U	1.0	YES	S3VEM
Benzaldehyde	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenol	Target	88	J	ug/kg	88	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acetophenone	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	380		ug/kg	380		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Pentachlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenanthrene	Target	78	J	ug/kg	78	J	1.0	YES	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluoranthene	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
Pyrene	Target	77	J	ug/kg	77	J	1.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Chrysene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	44	J	ug/kg	44	J	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Total Alkanes	TIC	350	B	ug/kg	350	B	1.0	YES	NV
n-Hexadecanoic acid	TIC	110	JN	ug/kg	110	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0030	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 77.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Chloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Vinyl chloride	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Bromomethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Chloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Acetone	Target	15		ug/kg	15		1.0	YES	S3VEM
Carbon disulfide	Target	6.8	J	ug/kg	6.8	J	1.0	YES	S3VEM
Methyl Acetate	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Methylene chloride	Target	24		ug/kg	24		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
2-Butanone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Bromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Chloroform	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Cyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Benzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Trichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Methylcyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Bromodichloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Toluene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Tetrachloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Dibromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Chlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Ethylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
o-xylene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
m,p-Xylene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Styrene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Bromoform	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Isopropylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dimethyl sulfide	TIC	26	JN	ug/kg	26	JN	1.0	YES	NV
Disulfide, dimethyl	TIC	11	JN	ug/kg	11	JN	1.0	YES	NV
4H-1,2,4-Triazole-3-thiol, 4-allyl	TIC	4.2	JN	ug/kg	4.2	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0041	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	1.2	J	ug/L	1.2	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	1.5	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
unknown-01	TIC	6.8	J	ug/L	6.8	J	1.0	YES	NV
Triethyl phosphate	TIC	10	JN	ug/L	10	JN	1.0	YES	NV
Total Alkanes	TIC	17	N	ug/L	17	N	1.0	YES	NV
Dotriacontyl pentafluoropropionate	TIC	6.0	JN	ug/L	6.0	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0041	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0042	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/15/2019	Sample Time: 15:10:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	1.1	J	ug/L	1.1	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	2.5	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tridecane, 1-iodo-	TIC	2.3	JN	ug/L	2.3	JN	1.0	YES	NV
Total Alkanes	TIC	16	N	ug/L	16	N	1.0	YES	NV
unknown-01	TIC	6.0	J	ug/L	6.0	J	1.0	YES	NV
Triethyl phosphate	TIC	10	JN	ug/L	10	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0042	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/15/2019	Sample Time: 15:10:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	2.6	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	0.55	J	ug/L	0.55	J	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	0.71	J	ug/L	0.71	J	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	1.2	J	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	3.0	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
unknown-01	TIC	19	J	ug/L	19	J	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0043	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/15/2019	Sample Time: 14:30:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	1.3	J	ug/L	1.3	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	2.3	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC	23	N	ug/L	23	N	1.0	YES	NV
unknown-01	TIC	5.7	J	ug/L	5.7	J	1.0	YES	NV
Triethyl phosphate	TIC	28	JN	ug/L	28	JN	1.0	YES	NV
Hexadecane, 1-iodo-	TIC	4.3	JN	ug/L	4.3	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0043	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/15/2019	Sample Time: 14:30:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	3.6	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	0.56	J	ug/L	0.56	J	1.0	YES	S3VEM
Styrene	Target	0.71	J	ug/L	0.71	J	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	0.80	J	ug/L	0.80	J	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	1.4	J	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	3.8	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzene, 1,3,5-trichloro-	TIC	2.6	JN	ug/L	2.6	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0045	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	2.7	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC	6.6	N	ug/L	6.6	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0045	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	4.5	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	0.63	J	ug/L	0.63	J	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	0.84	J	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	1.1	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0046	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	1.1	J	ug/L	1.1	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	1.8	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Triethyl phosphate	TIC	4.0	JN	ug/L	4.0	JN	1.0	YES	NV
Diethylene glycol dibenzoate	TIC	3.5	JN	ug/L	3.5	JN	1.0	YES	NV
Total Alkanes	TIC	11	N	ug/L	11	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0046	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	2.9	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	0.69	J	ug/L	0.69	J	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	1.2	J	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	2.9	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0048	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/15/2019	Sample Time: 12:30:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	2.4	J	ug/L	2.4	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	23	U	ug/L	23	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	4.6	J	ug/L	4.6	J	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	0.91	J	ug/L	0.91	J	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	0.64	J	ug/L	0.64	J	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	1.5	J	ug/L	1.5	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0050

Method: Volatile Organics

Matrix: Water

MA Number:

Sample Location: Surface Water

pH: 1.0

Sample Date: 10/16/2019

Sample Time: 10:25:00

% Moisture:

% Solids: 0

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	2.0	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	24	U	ug/L	24	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	4.9	J	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	0.95	J	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	0.71	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0051	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/16/2019	Sample Time: 10:15:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0051	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/16/2019	Sample Time: 10:15:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	2.1	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	21	U	ug/L	21		1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	4.3	J	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	0.91	J	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	0.54	J	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0052	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/16/2019	Sample Time: 10:35:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0052	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/16/2019	Sample Time: 10:35:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	2.6	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	23	U	ug/L	23		1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	4.6	J	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	0.84	J	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0053	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 6	Sample Date: 10/16/2019	Sample Time: 10:05:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	4.2	J	ug/L	4.2	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC	2.9	N	ug/L	2.9	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0053	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location: Surface Water	pH: 1.0	Sample Date: 10/16/2019	Sample Time: 10:05:00
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	3.4	J	ug/L	3.4	J	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	23	U	ug/L	23	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	4.5	J	ug/L	4.5	J	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	0.86	J	ug/L	0.86	J	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0062	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 76.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	87	U	ug/kg	87	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	60	J	ug/kg	60	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	230		ug/kg	230		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluoranthene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Chrysene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Total Alkanes	TIC	120	B	ug/kg	120	B	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: C0062	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 76.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromomethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Acetone	Target	29		ug/kg	29		1.0	YES	S3VEM
Carbon disulfide	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methylene chloride	Target	22		ug/kg	22		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
2-Butanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Bromochloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloroform	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Cyclohexane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Benzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Trichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Toluene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
2-Hexanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Dibromochloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Ethylbenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
o-xylene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Styrene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromoform	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Dimethyl sulfide	TIC	29	JN	ug/kg	29	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV
Disulfide, dimethyl	TIC	7.4	JN	ug/kg	7.4	JN	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: SBLK02	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location:	pH: 6	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: SBLK28	Method: Semivolatiles	Matrix: Water	MA Number:
Sample Location:	pH: 6	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	2.0	U	ug/L	2.0	U	1.0	YES	S3VEM
Benzaldehyde	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2-Chlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acetophenone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Nitrobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isophorone	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitrophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Naphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chloroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Caprolactam	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Nitroaniline	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dimethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acenaphthylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Acenaphthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4-Nitrophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibenzofuran	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Diethylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluorene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Nitroaniline	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Atrazine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pentachlorophenol	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Phenanthrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Fluoranthene	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chrysene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: SBLK84	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	67	U	ug/kg	67	U	1.0	YES	S3VEM
Benzaldehyde	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Phenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2-Chlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Acetophenone	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachloroethane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Nitrobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Isophorone	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Nitrophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Naphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Chloroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Caprolactam	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Nitroaniline	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Dimethylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Acenaphthylene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
3-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Acenaphthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Nitrophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Dibenzofuran	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Diethylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Fluorene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Atrazine	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Pentachlorophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Phenanthrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Fluoranthene	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Chrysene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Total Alkanes	TIC	550	N	ug/kg	550	N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VBLK07	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VBLK08	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VBLK10	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VBLK11	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VBLK63	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VBLK64	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VHBLK01	Method: Volatile Organics	Matrix: Water	MA Number:
Sample Location:	pH: 1.0	Sample Date:	Sample Time:
% Moisture:		% Solids: 0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/L	10	U	1.0	YES	S3VEM
Dibromochloromethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/L	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/L		N	1.0	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW14030/C0028

Lab Name: Chemtech Consulting Group

Sample Number: VHBLK02	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Vinyl chloride	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Bromomethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Acetone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Carbon disulfide	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methyl Acetate	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methylene chloride	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
2-Butanone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Bromochloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chloroform	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Cyclohexane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Benzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Trichloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Methylcyclohexane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Bromodichloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Toluene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Tetrachloroethene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
2-Hexanone	Target	9.8	U	ug/kg	9.8	U	1.0	YES	S3VEM
Dibromochloromethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Chlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Ethylbenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
o-xylene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
m,p-Xylene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Styrene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Bromoform	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Isopropylbenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	4.9	U	ug/kg	4.9	U	1.0	YES	S3VEM
Total Alkanes	TIC		N	ug/kg		N	1.0	YES	NV

Appendix 5

Inorganic Data Validation Report

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: LCS613

Method: Metals by ICP-AES

Matrix: Soil

MA Number:

Sample Location:

pH:

Sample Date:

Sample Time:

% Moisture:

% Solids: 100

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	43.6		mg/kg	43.6		1	YES	S4VEM
Antimony	Spike	12.8		mg/kg	12.8		1	YES	S4VEM
Arsenic	Spike	2.0		mg/kg	2.0		1	YES	S4VEM
Barium	Spike	43.5		mg/kg	43.5		1	YES	S4VEM
Beryllium	Spike	1.1		mg/kg	1.1		1	YES	S4VEM
Cadmium	Spike	1.1		mg/kg	1.1		1	YES	S4VEM
Calcium	Spike	1140		mg/kg	1140		1	YES	S4VEM
Chromium	Spike	2.3		mg/kg	2.3		1	YES	S4VEM
Cobalt	Spike	10.3		mg/kg	10.3		1	YES	S4VEM
Copper	Spike	5.3		mg/kg	5.3		1	YES	S4VEM
Iron	Spike	23.2		mg/kg	23.2		1	YES	S4VEM
Lead	Spike	2.0		mg/kg	2.0		1	YES	S4VEM
Magnesium	Spike	1110		mg/kg	1110		1	YES	S4VEM
Manganese	Spike	3.6		mg/kg	3.6		1	YES	S4VEM
Nickel	Spike	7.9		mg/kg	7.9		1	YES	S4VEM
Potassium	Spike	1060		mg/kg	1060		1	YES	S4VEM
Selenium	Spike	7.7		mg/kg	7.7		1	YES	S4VEM
Silver	Spike	2.2		mg/kg	2.2		1	YES	S4VEM
Sodium	Spike	1070		mg/kg	1070		1	YES	S4VEM
Thallium	Spike	5.5		mg/kg	5.5		1	YES	S4VEM
Vanadium	Spike	11.2		mg/kg	11.2		1	YES	S4VEM
Zinc	Spike	12.4		mg/kg	12.4		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 14:50:00
% Moisture:		% Solids: 82.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9180		mg/kg	9180	X*	1	YES	S4VEM
Antimony	Target	6.3	U	mg/kg	6.3	U	1	YES	S4VEM
Arsenic	Target	3.9		mg/kg	3.9		1	YES	S4VEM
Barium	Target	43.2		mg/kg	43.2		1	YES	S4VEM
Beryllium	Target	0.44	J	mg/kg	0.44	J	1	YES	S4VEM
Cadmium	Target	0.53	U	mg/kg	0.53	U	1	YES	S4VEM
Calcium	Target	372	J	mg/kg	372	J	1	YES	S4VEM
Chromium	Target	14.7		mg/kg	14.7	X*	1	YES	S4VEM
Cobalt	Target	5.6		mg/kg	5.6		1	YES	S4VEM
Copper	Target	11.3		mg/kg	11.3		1	YES	S4VEM
Iron	Target	23700		mg/kg	23700	X*	1	YES	S4VEM
Lead	Target	13.8		mg/kg	13.8		1	YES	S4VEM
Magnesium	Target	1150		mg/kg	1150		1	YES	S4VEM
Manganese	Target	160		mg/kg	160	X*	1	YES	S4VEM
Nickel	Target	13.4		mg/kg	13.4		1	YES	S4VEM
Potassium	Target	705		mg/kg	705		1	YES	S4VEM
Selenium	Target	0.58	J	mg/kg	0.58	J	1	YES	S4VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	S4VEM
Sodium	Target	526	U	mg/kg	526	U	1	YES	S4VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1	YES	S4VEM
Vanadium	Target	21.4		mg/kg	21.4		1	YES	S4VEM
Zinc	Target	36.7		mg/kg	36.7		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0009	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 14:40:00
% Moisture:		% Solids: 82.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	4240		mg/kg	4240	X*	1	YES	S4VEM
Antimony	Target	6.5	U	mg/kg	6.5	U	1	YES	S4VEM
Arsenic	Target	3.4		mg/kg	3.4		1	YES	S4VEM
Barium	Target	55.1		mg/kg	55.1		1	YES	S4VEM
Beryllium	Target	0.35	J	mg/kg	0.35	J	1	YES	S4VEM
Cadmium	Target	0.22	J	mg/kg	0.22	J	1	YES	S4VEM
Calcium	Target	920		mg/kg	920		1	YES	S4VEM
Chromium	Target	6.8		mg/kg	6.8	X*	1	YES	S4VEM
Cobalt	Target	10.5		mg/kg	10.5		1	YES	S4VEM
Copper	Target	11.4		mg/kg	11.4		1	YES	S4VEM
Iron	Target	5850		mg/kg	5850	X*	1	YES	S4VEM
Lead	Target	28.3		mg/kg	28.3		1	YES	S4VEM
Magnesium	Target	493	J	mg/kg	493	J	1	YES	S4VEM
Manganese	Target	254		mg/kg	254	X*	1	YES	S4VEM
Nickel	Target	6.9		mg/kg	6.9		1	YES	S4VEM
Potassium	Target	422	J	mg/kg	422	J	1	YES	S4VEM
Selenium	Target	0.88	J	mg/kg	0.88	J	1	YES	S4VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	S4VEM
Sodium	Target	539	U	mg/kg	539	U	1	YES	S4VEM
Thallium	Target	2.7	U	mg/kg	2.7	U	1	YES	S4VEM
Vanadium	Target	9.6		mg/kg	9.6		1	YES	S4VEM
Zinc	Target	29.8		mg/kg	29.8		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0010	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 14:55:00
% Moisture:		% Solids: 84.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	813		mg/kg	813	X*	1	YES	S4VEM
Antimony	Target	6.1	U	mg/kg	6.1	U	1	YES	S4VEM
Arsenic	Target	1.0		mg/kg	1.0		1	YES	S4VEM
Barium	Target	15.5	J	mg/kg	15.5	J	1	YES	S4VEM
Beryllium	Target	0.89		mg/kg	0.89		1	YES	S4VEM
Cadmium	Target	0.31	J	mg/kg	0.31	J	1	YES	S4VEM
Calcium	Target	750		mg/kg	750		1	YES	S4VEM
Chromium	Target	1.7		mg/kg	1.7	X*	1	YES	S4VEM
Cobalt	Target	15.4		mg/kg	15.4		1	YES	S4VEM
Copper	Target	3.4		mg/kg	3.4		1	YES	S4VEM
Iron	Target	2640		mg/kg	2640	X*	1	YES	S4VEM
Lead	Target	35.9		mg/kg	35.9		1	YES	S4VEM
Magnesium	Target	179	J	mg/kg	179	J	1	YES	S4VEM
Manganese	Target	28.6		mg/kg	28.6	X*	1	YES	S4VEM
Nickel	Target	25.7		mg/kg	25.7		1	YES	S4VEM
Potassium	Target	96.6	J	mg/kg	96.6	J	1	YES	S4VEM
Selenium	Target	3.6	U	mg/kg	3.6	U	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	508	U	mg/kg	508	U	1	YES	S4VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Vanadium	Target	1.6	J	mg/kg	1.6	J	1	YES	S4VEM
Zinc	Target	81.3		mg/kg	81.3		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0011	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 15:05:00
% Moisture:		% Solids: 81.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	7410		mg/kg	7410	X*	1	YES	S4VEM
Antimony	Target	6.3	U	mg/kg	6.3	U	1	YES	S4VEM
Arsenic	Target	12.1		mg/kg	12.1		1	YES	S4VEM
Barium	Target	75.0		mg/kg	75.0		1	YES	S4VEM
Beryllium	Target	1.4		mg/kg	1.4		1	YES	S4VEM
Cadmium	Target	0.25	J	mg/kg	0.25	J	1	YES	S4VEM
Calcium	Target	577		mg/kg	577		1	YES	S4VEM
Chromium	Target	15.4		mg/kg	15.4	X*	1	YES	S4VEM
Cobalt	Target	8.7		mg/kg	8.7		1	YES	S4VEM
Copper	Target	13.1		mg/kg	13.1		1	YES	S4VEM
Iron	Target	21700		mg/kg	21700	X*	1	YES	S4VEM
Lead	Target	39.4		mg/kg	39.4		1	YES	S4VEM
Magnesium	Target	438	J	mg/kg	438	J	1	YES	S4VEM
Manganese	Target	123		mg/kg	123	X*	1	YES	S4VEM
Nickel	Target	11.0		mg/kg	11.0		1	YES	S4VEM
Potassium	Target	411	J	mg/kg	411	J	1	YES	S4VEM
Selenium	Target	1.2	J	mg/kg	1.2	J	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	525	U	mg/kg	525	U	1	YES	S4VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1	YES	S4VEM
Vanadium	Target	27.1		mg/kg	27.1		1	YES	S4VEM
Zinc	Target	37.1		mg/kg	37.1		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0012	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/14/2019	Sample Time: 15:25:00
% Moisture:		% Solids: 84.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8750		mg/kg	8750	X*	1	YES	S4VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM
Arsenic	Target	7.1		mg/kg	7.1		1	YES	S4VEM
Barium	Target	103		mg/kg	103		1	YES	S4VEM
Beryllium	Target	0.95		mg/kg	0.95		1	YES	S4VEM
Cadmium	Target	0.40	J	mg/kg	0.40	J	1	YES	S4VEM
Calcium	Target	5050		mg/kg	5050		1	YES	S4VEM
Chromium	Target	18.9		mg/kg	18.9	X*	1	YES	S4VEM
Cobalt	Target	9.5		mg/kg	9.5		1	YES	S4VEM
Copper	Target	57.7		mg/kg	57.7		1	YES	S4VEM
Iron	Target	27600		mg/kg	27600	X*	1	YES	S4VEM
Lead	Target	63.7		mg/kg	63.7		1	YES	S4VEM
Magnesium	Target	825		mg/kg	825		1	YES	S4VEM
Manganese	Target	344		mg/kg	344	X*	1	YES	S4VEM
Nickel	Target	21.2		mg/kg	21.2		1	YES	S4VEM
Potassium	Target	1300		mg/kg	1300		1	YES	S4VEM
Selenium	Target	1.0	J	mg/kg	1.0	J	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	503	U	mg/kg	503	U	1	YES	S4VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Vanadium	Target	26.9		mg/kg	26.9		1	YES	S4VEM
Zinc	Target	128		mg/kg	128		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0015	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/14/2019	Sample Time: 15:15:00
% Moisture:		% Solids: 79.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8040	J	mg/kg	8040	X*	1	YES	S4VEM
Antimony	Target	6.7	U	mg/kg	6.7	U	1	YES	S4VEM
Arsenic	Target	1.5		mg/kg	1.5		1	YES	S4VEM
Barium	Target	80.9		mg/kg	80.9		1	YES	S4VEM
Beryllium	Target	0.64		mg/kg	0.64		1	YES	S4VEM
Cadmium	Target	0.099	J	mg/kg	0.099	J	1	YES	S4VEM
Calcium	Target	983		mg/kg	983		1	YES	S4VEM
Chromium	Target	13.8	J	mg/kg	13.8	X*	1	YES	S4VEM
Cobalt	Target	4.4	J	mg/kg	4.4	J	1	YES	S4VEM
Copper	Target	10.9		mg/kg	10.9		1	YES	S4VEM
Iron	Target	6360	J	mg/kg	6360	X*	1	YES	S4VEM
Lead	Target	13.5		mg/kg	13.5		1	YES	S4VEM
Magnesium	Target	1510		mg/kg	1510		1	YES	S4VEM
Manganese	Target	33.8	J	mg/kg	33.8	X*	1	YES	S4VEM
Nickel	Target	14.2		mg/kg	14.2		1	YES	S4VEM
Potassium	Target	727		mg/kg	727		1	YES	S4VEM
Selenium	Target	3.9	U	mg/kg	3.9	U	1	YES	S4VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	S4VEM
Sodium	Target	79.8	J	mg/kg	79.8	J	1	YES	S4VEM
Thallium	Target	2.8	U	mg/kg	2.8	U	1	YES	S4VEM
Vanadium	Target	18.3		mg/kg	18.3		1	YES	S4VEM
Zinc	Target	39.1		mg/kg	39.1		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0015D	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 10/14/2019	Sample Time: 15:15:00
% Moisture:		% Solids: 79.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8180		mg/kg	8180		1	YES	NV
Antimony	Target	6.8	U	mg/kg	6.8	U	1	YES	NV
Arsenic	Target	1.5		mg/kg	1.5		1	YES	NV
Barium	Target	82.5		mg/kg	82.5		1	YES	NV
Beryllium	Target	0.66		mg/kg	0.66		1	YES	NV
Cadmium	Target	0.086	J	mg/kg	0.086	J	1	YES	NV
Calcium	Target	1000		mg/kg	1000		1	YES	NV
Chromium	Target	14.1		mg/kg	14.1		1	YES	NV
Cobalt	Target	4.5	J	mg/kg	4.5	J	1	YES	NV
Copper	Target	11.1		mg/kg	11.1		1	YES	NV
Iron	Target	6510		mg/kg	6510		1	YES	NV
Lead	Target	13.7		mg/kg	13.7		1	YES	NV
Magnesium	Target	1550		mg/kg	1550		1	YES	NV
Manganese	Target	34.4		mg/kg	34.4		1	YES	NV
Nickel	Target	14.4		mg/kg	14.4		1	YES	NV
Potassium	Target	704		mg/kg	704		1	YES	NV
Selenium	Target	0.61	J	mg/kg	0.61	J	1	YES	NV
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	NV
Sodium	Target	79.6	J	mg/kg	79.6	J	1	YES	NV
Thallium	Target	2.8	U	mg/kg	2.8	U	1	YES	NV
Vanadium	Target	18.7		mg/kg	18.7		1	YES	NV
Zinc	Target	39.5		mg/kg	39.5		1	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0015L	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 79.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9130		mg/kg	9130	X*	5	YES	NV
Antimony	Target	33.4	U	mg/kg	33.4	U	5	YES	NV
Arsenic	Target	1.9	J	mg/kg	1.9	J	5	YES	NV
Barium	Target	91.2	J	mg/kg	91.2	J	5	YES	NV
Beryllium	Target	0.68	J	mg/kg	0.68	J	5	YES	NV
Cadmium	Target	2.8	U	mg/kg	2.8	U	5	YES	NV
Calcium	Target	1110	J	mg/kg	1110	J	5	YES	NV
Chromium	Target	15.5		mg/kg	15.5	X*	5	YES	NV
Cobalt	Target	4.3	J	mg/kg	4.3	J	5	YES	NV
Copper	Target	12.3	J	mg/kg	12.3	J	5	YES	NV
Iron	Target	7270		mg/kg	7270	X*	5	YES	NV
Lead	Target	12.9		mg/kg	12.9		5	YES	NV
Magnesium	Target	1740	J	mg/kg	1740	J	5	YES	NV
Manganese	Target	37.9		mg/kg	37.9	X*	5	YES	NV
Nickel	Target	14.3	J	mg/kg	14.3	J	5	YES	NV
Potassium	Target	698	J	mg/kg	698	J	5	YES	NV
Selenium	Target	19.5	U	mg/kg	19.5	U	5	YES	NV
Silver	Target	5.6	U	mg/kg	5.6	U	5	YES	NV
Sodium	Target	2780	U	mg/kg	2780	U	5	YES	NV
Thallium	Target	13.9	U	mg/kg	13.9	U	5	YES	NV
Vanadium	Target	20.6	J	mg/kg	20.6	J	5	YES	NV
Zinc	Target	39.4		mg/kg	39.4		5	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0015S

Method: Metals by ICP-AES

Matrix: Soil

MA Number:

Sample Location:

pH:

Sample Date: 10/14/2019

Sample Time: 15:15:00

% Moisture:

% Solids: 79.5

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	19.1		mg/kg	19.1		1	YES	NV
Arsenic	Spike	10.7		mg/kg	10.7		1	YES	NV
Barium	Spike	460		mg/kg	460		1	YES	NV
Beryllium	Spike	10.6		mg/kg	10.6		1	YES	NV
Cadmium	Spike	9.2		mg/kg	9.2		1	YES	NV
Chromium	Spike	53.6		mg/kg	53.6		1	YES	NV
Cobalt	Spike	108		mg/kg	108		1	YES	NV
Copper	Spike	56.9		mg/kg	56.9		1	YES	NV
Lead	Spike	16.8		mg/kg	16.8		1	YES	NV
Manganese	Spike	136		mg/kg	136		1	YES	NV
Nickel	Spike	145		mg/kg	145		1	YES	NV
Selenium	Spike	21.2		mg/kg	21.2		1	YES	NV
Silver	Spike	9.4		mg/kg	9.4		1	YES	NV
Thallium	Spike	10.7		mg/kg	10.7		1	YES	NV
Vanadium	Spike	115		mg/kg	115		1	YES	NV
Zinc	Spike	173		mg/kg	173		1	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: MC0026	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Water	pH:	Sample Date: 10/14/2019	Sample Time: 12:40:00
% Moisture:		% Solids: 84.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	2330		mg/kg	2330	X*	1	YES	S4VEM
Antimony	Target	6.2	U	mg/kg	6.2	U	1	YES	S4VEM
Arsenic	Target	4.1		mg/kg	4.1		1	YES	S4VEM
Barium	Target	111		mg/kg	111		1	YES	S4VEM
Beryllium	Target	0.38	J	mg/kg	0.38	J	1	YES	S4VEM
Cadmium	Target	0.37	J	mg/kg	0.37	J	1	YES	S4VEM
Calcium	Target	1330		mg/kg	1330		1	YES	S4VEM
Chromium	Target	5.3		mg/kg	5.3	X*	1	YES	S4VEM
Cobalt	Target	7.8		mg/kg	7.8		1	YES	S4VEM
Copper	Target	4.0		mg/kg	4.0		1	YES	S4VEM
Iron	Target	10800		mg/kg	10800	X*	1	YES	S4VEM
Lead	Target	5.6		mg/kg	5.6		1	YES	S4VEM
Magnesium	Target	369	J	mg/kg	369	J	1	YES	S4VEM
Manganese	Target	3890		mg/kg	3890	DX*	5	YES	S4VEM
Nickel	Target	11.2		mg/kg	11.2		1	YES	S4VEM
Potassium	Target	306	J	mg/kg	306	J	1	YES	S4VEM
Selenium	Target	2.0	J	mg/kg	2.0	J	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	515	U	mg/kg	515	U	1	YES	S4VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1	YES	S4VEM
Vanadium	Target	5.7		mg/kg	5.7		1	YES	S4VEM
Zinc	Target	31.7		mg/kg	31.7		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Number: PBS613	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1	YES	S4VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1	YES	S4VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1	YES	S4VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1	YES	S4VEM
Calcium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Chromium	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Iron	Target	10.0	U	mg/kg	10.0	U	1	YES	S4VEM
Lead	Target	-0.22	J	mg/kg	-0.22	J	1	YES	S4VEM
Magnesium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1	YES	S4VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1	YES	S4VEM
Potassium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0002

Lab Name: CHEMTEX

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: LCS615

Method: Metals by ICP-AES

Matrix: Soil

MA Number:

Sample Location:

pH:

Sample Date:

Sample Time:

% Moisture:

% Solids: 100

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	40.0		mg/kg	40.0		1	YES	S4VEM
Antimony	Spike	12.2		mg/kg	12.2		1	YES	S4VEM
Arsenic	Spike	2.3		mg/kg	2.3		1	YES	S4VEM
Barium	Spike	43.5		mg/kg	43.5		1	YES	S4VEM
Beryllium	Spike	1.1		mg/kg	1.1		1	YES	S4VEM
Cadmium	Spike	0.99		mg/kg	0.99		1	YES	S4VEM
Calcium	Spike	1090		mg/kg	1090		1	YES	S4VEM
Chromium	Spike	2.1		mg/kg	2.1		1	YES	S4VEM
Cobalt	Spike	10.3		mg/kg	10.3		1	YES	S4VEM
Copper	Spike	5.0		mg/kg	5.0		1	YES	S4VEM
Iron	Spike	20.6		mg/kg	20.6		1	YES	S4VEM
Lead	Spike	1.8		mg/kg	1.8		1	YES	S4VEM
Magnesium	Spike	1030		mg/kg	1030		1	YES	S4VEM
Manganese	Spike	3.4		mg/kg	3.4		1	YES	S4VEM
Nickel	Spike	8.4		mg/kg	8.4		1	YES	S4VEM
Potassium	Spike	1030		mg/kg	1030		1	YES	S4VEM
Selenium	Spike	7.3		mg/kg	7.3		1	YES	S4VEM
Silver	Spike	2.0		mg/kg	2.0		1	YES	S4VEM
Sodium	Spike	1030		mg/kg	1030		1	YES	S4VEM
Thallium	Spike	5.6		mg/kg	5.6		1	YES	S4VEM
Vanadium	Spike	10.5		mg/kg	10.5		1	YES	S4VEM
Zinc	Spike	13.4		mg/kg	13.4		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0003	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 11:30:00
% Moisture:		% Solids: 86.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	7960		mg/kg	7960		1	YES	S4VEM
Antimony	Target	6.1	U	mg/kg	6.1	U	1	YES	S4VEM
Arsenic	Target	6.4		mg/kg	6.4		1	YES	S4VEM
Barium	Target	63.1		mg/kg	63.1		1	YES	S4VEM
Beryllium	Target	0.49	J	mg/kg	0.49	J	1	YES	S4VEM
Cadmium	Target	0.20	J	mg/kg	0.20	J	1	YES	S4VEM
Calcium	Target	313	J	mg/kg	313	J	1	YES	S4VEM
Chromium	Target	13.9		mg/kg	13.9		1	YES	S4VEM
Cobalt	Target	12.8		mg/kg	12.8		1	YES	S4VEM
Copper	Target	10.0		mg/kg	10.0		1	YES	S4VEM
Iron	Target	18400		mg/kg	18400		1	YES	S4VEM
Lead	Target	59.6		mg/kg	59.6		1	YES	S4VEM
Magnesium	Target	586		mg/kg	586		1	YES	S4VEM
Manganese	Target	462		mg/kg	462		1	YES	S4VEM
Nickel	Target	9.8		mg/kg	9.8		1	YES	S4VEM
Potassium	Target	432	J	mg/kg	432	J	1	YES	S4VEM
Selenium	Target	0.52	J	mg/kg	0.52	J	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	512	U	mg/kg	512	U	1	YES	S4VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1	YES	S4VEM
Vanadium	Target	21.2		mg/kg	21.2		1	YES	S4VEM
Zinc	Target	66.6		mg/kg	66.6		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0003D	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 10/16/2019	Sample Time: 11:30:00
% Moisture:		% Solids: 86.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	7670		mg/kg	7670		1	YES	NV
Antimony	Target	5.9	U	mg/kg	5.9	U	1	YES	NV
Arsenic	Target	6.3		mg/kg	6.3		1	YES	NV
Barium	Target	60.7		mg/kg	60.7		1	YES	NV
Beryllium	Target	0.48	J	mg/kg	0.48	J	1	YES	NV
Cadmium	Target	0.20	J	mg/kg	0.20	J	1	YES	NV
Calcium	Target	301	J	mg/kg	301	J	1	YES	NV
Chromium	Target	13.5		mg/kg	13.5		1	YES	NV
Cobalt	Target	12.4		mg/kg	12.4		1	YES	NV
Copper	Target	9.6		mg/kg	9.6		1	YES	NV
Iron	Target	17800		mg/kg	17800		1	YES	NV
Lead	Target	57.3		mg/kg	57.3		1	YES	NV
Magnesium	Target	570		mg/kg	570		1	YES	NV
Manganese	Target	446		mg/kg	446		1	YES	NV
Nickel	Target	9.5		mg/kg	9.5		1	YES	NV
Potassium	Target	425	J	mg/kg	425	J	1	YES	NV
Selenium	Target	0.52	J	mg/kg	0.52	J	1	YES	NV
Silver	Target	0.99	U	mg/kg	0.99	U	1	YES	NV
Sodium	Target	495	U	mg/kg	495	U	1	YES	NV
Thallium	Target	2.5	U	mg/kg	2.5	U	1	YES	NV
Vanadium	Target	20.3		mg/kg	20.3		1	YES	NV
Zinc	Target	64.4		mg/kg	64.4		1	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0003L	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 86.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8410		mg/kg	8410		5	YES	NV
Antimony	Target	30.7	U	mg/kg	30.7	U	5	YES	NV
Arsenic	Target	7.9		mg/kg	7.9		5	YES	NV
Barium	Target	66.0	J	mg/kg	66.0	J	5	YES	NV
Beryllium	Target	0.36	J	mg/kg	0.36	J	5	YES	NV
Cadmium	Target	2.6	U	mg/kg	2.6	U	5	YES	NV
Calcium	Target	2560	U	mg/kg	2560	U	5	YES	NV
Chromium	Target	14.7		mg/kg	14.7		5	YES	NV
Cobalt	Target	11.6	J	mg/kg	11.6	J	5	YES	NV
Copper	Target	9.8	J	mg/kg	9.8	J	5	YES	NV
Iron	Target	19800		mg/kg	19800		5	YES	NV
Lead	Target	59.0		mg/kg	59.0		5	YES	NV
Magnesium	Target	636	J	mg/kg	636	J	5	YES	NV
Manganese	Target	501		mg/kg	501		5	YES	NV
Nickel	Target	8.8	J	mg/kg	8.8	J	5	YES	NV
Potassium	Target	439	J	mg/kg	439	J	5	YES	NV
Selenium	Target	17.9	U	mg/kg	17.9	U	5	YES	NV
Silver	Target	5.1	U	mg/kg	5.1	U	5	YES	NV
Sodium	Target	2560	U	mg/kg	2560	U	5	YES	NV
Thallium	Target	12.8	U	mg/kg	12.8	U	5	YES	NV
Vanadium	Target	20.9	J	mg/kg	20.9	J	5	YES	NV
Zinc	Target	66.7		mg/kg	66.7		5	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0003S

Method: Metals by ICP-AES

Matrix: Soil

MA Number:

Sample Location:

pH:

Sample Date: 10/16/2019

Sample Time: 11:30:00

% Moisture:

% Solids: 86.4

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	17.8		mg/kg	17.8		1	YES	NV
Arsenic	Spike	13.7		mg/kg	13.7		1	YES	NV
Barium	Spike	442		mg/kg	442		1	YES	NV
Beryllium	Spike	10.0		mg/kg	10.0		1	YES	NV
Cadmium	Spike	8.9		mg/kg	8.9		1	YES	NV
Chromium	Spike	52.0		mg/kg	52.0		1	YES	NV
Cobalt	Spike	110		mg/kg	110		1	YES	NV
Copper	Spike	55.2		mg/kg	55.2		1	YES	NV
Lead	Spike	59.7		mg/kg	59.7		1	YES	NV
Manganese	Spike	534		mg/kg	534		1	YES	NV
Nickel	Spike	111		mg/kg	111		1	YES	NV
Selenium	Spike	19.9		mg/kg	19.9		1	YES	NV
Silver	Spike	9.2		mg/kg	9.2		1	YES	NV
Thallium	Spike	10.7		mg/kg	10.7		1	YES	NV
Vanadium	Spike	116		mg/kg	116		1	YES	NV
Zinc	Spike	168		mg/kg	168		1	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0007	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 09:45:00
% Moisture:		% Solids: 83.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	6670		mg/kg	6670		1	YES	S4VEM
Antimony	Target	6.1	U	mg/kg	6.1	U	1	YES	S4VEM
Arsenic	Target	16.4		mg/kg	16.4		1	YES	S4VEM
Barium	Target	82.3		mg/kg	82.3		1	YES	S4VEM
Beryllium	Target	0.73		mg/kg	0.73		1	YES	S4VEM
Cadmium	Target	0.31	J	mg/kg	0.31	J	1	YES	S4VEM
Calcium	Target	75200		mg/kg	75200	D	5	YES	S4VEM
Chromium	Target	30.6		mg/kg	30.6		1	YES	S4VEM
Cobalt	Target	18.7		mg/kg	18.7		1	YES	S4VEM
Copper	Target	16.5		mg/kg	16.5		1	YES	S4VEM
Iron	Target	45400		mg/kg	45400	D	5	YES	S4VEM
Lead	Target	39.0		mg/kg	39.0		1	YES	S4VEM
Magnesium	Target	3550		mg/kg	3550		1	YES	S4VEM
Manganese	Target	735		mg/kg	735		1	YES	S4VEM
Nickel	Target	20.4		mg/kg	20.4		1	YES	S4VEM
Potassium	Target	627		mg/kg	627		1	YES	S4VEM
Selenium	Target	0.85	J	mg/kg	0.85	J	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	96.3	J	mg/kg	96.3	J	1	YES	S4VEM
Thallium	Target	0.43	J	mg/kg	0.43	J	1	YES	S4VEM
Vanadium	Target	27.1		mg/kg	27.1		1	YES	S4VEM
Zinc	Target	80.9		mg/kg	80.9		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0020	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 10:00:00
% Moisture:		% Solids: 79.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9240		mg/kg	9240		1	YES	S4VEM
Antimony	Target	6.8	U	mg/kg	6.8	U	1	YES	S4VEM
Arsenic	Target	8.9		mg/kg	8.9		1	YES	S4VEM
Barium	Target	140		mg/kg	140		1	YES	S4VEM
Beryllium	Target	1.2		mg/kg	1.2		1	YES	S4VEM
Cadmium	Target	0.10	J	mg/kg	0.10	J	1	YES	S4VEM
Calcium	Target	1730		mg/kg	1730		1	YES	S4VEM
Chromium	Target	20.6		mg/kg	20.6		1	YES	S4VEM
Cobalt	Target	21.3		mg/kg	21.3		1	YES	S4VEM
Copper	Target	16.4		mg/kg	16.4		1	YES	S4VEM
Iron	Target	28700		mg/kg	28700		1	YES	S4VEM
Lead	Target	28.3		mg/kg	28.3		1	YES	S4VEM
Magnesium	Target	1070		mg/kg	1070		1	YES	S4VEM
Manganese	Target	1440		mg/kg	1440		1	YES	S4VEM
Nickel	Target	23.1		mg/kg	23.1		1	YES	S4VEM
Potassium	Target	793		mg/kg	793		1	YES	S4VEM
Selenium	Target	0.93	J	mg/kg	0.93	J	1	YES	S4VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	S4VEM
Sodium	Target	569	U	mg/kg	569	U	1	YES	S4VEM
Thallium	Target	0.69	J	mg/kg	0.69	J	1	YES	S4VEM
Vanadium	Target	29.2		mg/kg	29.2		1	YES	S4VEM
Zinc	Target	51.1		mg/kg	51.1		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0022	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/16/2019	Sample Time: 10:00:00
% Moisture:		% Solids: 79.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9590		mg/kg	9590		1	YES	S4VEM
Antimony	Target	6.5	U	mg/kg	6.5	U	1	YES	S4VEM
Arsenic	Target	17.6		mg/kg	17.6		1	YES	S4VEM
Barium	Target	129		mg/kg	129		1	YES	S4VEM
Beryllium	Target	1.3		mg/kg	1.3		1	YES	S4VEM
Cadmium	Target	0.15	J	mg/kg	0.15	J	1	YES	S4VEM
Calcium	Target	1680		mg/kg	1680		1	YES	S4VEM
Chromium	Target	28.1		mg/kg	28.1		1	YES	S4VEM
Cobalt	Target	20.6		mg/kg	20.6		1	YES	S4VEM
Copper	Target	20.1		mg/kg	20.1		1	YES	S4VEM
Iron	Target	52200		mg/kg	52200	D	5	YES	S4VEM
Lead	Target	37.5		mg/kg	37.5		1	YES	S4VEM
Magnesium	Target	1080		mg/kg	1080		1	YES	S4VEM
Manganese	Target	1470		mg/kg	1470		1	YES	S4VEM
Nickel	Target	27.1		mg/kg	27.1		1	YES	S4VEM
Potassium	Target	786		mg/kg	786		1	YES	S4VEM
Selenium	Target	2.2	J	mg/kg	2.2	J	1	YES	S4VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	S4VEM
Sodium	Target	542	U	mg/kg	542	U	1	YES	S4VEM
Thallium	Target	0.89	J	mg/kg	0.89	J	1	YES	S4VEM
Vanadium	Target	32.9		mg/kg	32.9		1	YES	S4VEM
Zinc	Target	81.0		mg/kg	81.0		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0030	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 83.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	3580		mg/kg	3580		1	YES	S4VEM
Antimony	Target	6.3	U	mg/kg	6.3	U	1	YES	S4VEM
Arsenic	Target	16.7		mg/kg	16.7		1	YES	S4VEM
Barium	Target	78.7		mg/kg	78.7		1	YES	S4VEM
Beryllium	Target	0.97		mg/kg	0.97		1	YES	S4VEM
Cadmium	Target	0.32	J	mg/kg	0.32	J	1	YES	S4VEM
Calcium	Target	30300		mg/kg	30300		1	YES	S4VEM
Chromium	Target	17.4		mg/kg	17.4		1	YES	S4VEM
Cobalt	Target	10.9		mg/kg	10.9		1	YES	S4VEM
Copper	Target	9.0		mg/kg	9.0		1	YES	S4VEM
Iron	Target	20000		mg/kg	20000		1	YES	S4VEM
Lead	Target	36.8		mg/kg	36.8		1	YES	S4VEM
Magnesium	Target	1450		mg/kg	1450		1	YES	S4VEM
Manganese	Target	709		mg/kg	709		1	YES	S4VEM
Nickel	Target	13.8		mg/kg	13.8		1	YES	S4VEM
Potassium	Target	595		mg/kg	595		1	YES	S4VEM
Selenium	Target	1.2	J	mg/kg	1.2	J	1	YES	S4VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	YES	S4VEM
Sodium	Target	527	U	mg/kg	527	U	1	YES	S4VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1	YES	S4VEM
Vanadium	Target	12.9		mg/kg	12.9		1	YES	S4VEM
Zinc	Target	54.0		mg/kg	54.0		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: MC0062	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/16/2019	Sample Time: 09:20:00
% Moisture:		% Solids: 71.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	4020		mg/kg	4020		1	YES	S4VEM
Antimony	Target	7.2	U	mg/kg	7.2	U	1	YES	S4VEM
Arsenic	Target	9.0		mg/kg	9.0		1	YES	S4VEM
Barium	Target	84.6		mg/kg	84.6		1	YES	S4VEM
Beryllium	Target	0.79		mg/kg	0.79		1	YES	S4VEM
Cadmium	Target	0.25	J	mg/kg	0.25	J	1	YES	S4VEM
Calcium	Target	13600		mg/kg	13600		1	YES	S4VEM
Chromium	Target	17.3		mg/kg	17.3		1	YES	S4VEM
Cobalt	Target	11.1		mg/kg	11.1		1	YES	S4VEM
Copper	Target	6.9		mg/kg	6.9		1	YES	S4VEM
Iron	Target	32700		mg/kg	32700		1	YES	S4VEM
Lead	Target	15.0		mg/kg	15.0		1	YES	S4VEM
Magnesium	Target	1010		mg/kg	1010		1	YES	S4VEM
Manganese	Target	913		mg/kg	913		1	YES	S4VEM
Nickel	Target	17.4		mg/kg	17.4		1	YES	S4VEM
Potassium	Target	593	J	mg/kg	593	J	1	YES	S4VEM
Selenium	Target	0.66	J	mg/kg	0.66	J	1	YES	S4VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	YES	S4VEM
Sodium	Target	604	U	mg/kg	604	U	1	YES	S4VEM
Thallium	Target	3.0	U	mg/kg	3.0	U	1	YES	S4VEM
Vanadium	Target	18.6		mg/kg	18.6		1	YES	S4VEM
Zinc	Target	63.2		mg/kg	63.2		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Number: PBS615	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1	YES	S4VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1	YES	S4VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1	YES	S4VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1	YES	S4VEM
Calcium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Chromium	Target	-0.13	J	mg/kg	-0.13	J	1	YES	S4VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Iron	Target	-1.7	J	mg/kg	-1.7	J	1	YES	S4VEM
Lead	Target	-0.21	J	mg/kg	-0.21	J	1	YES	S4VEM
Magnesium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1	YES	S4VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1	YES	S4VEM
Potassium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0003

Lab Name: CHEMTEX

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: LCS612

Method: Metals by ICP-AES

Matrix: Soil

MA Number:

Sample Location:

pH:

Sample Date:

Sample Time:

% Moisture:

% Solids: 100

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	43.9		mg/kg	43.9		1	YES	S4VEM
Antimony	Spike	13.2		mg/kg	13.2		1	YES	S4VEM
Arsenic	Spike	2.1		mg/kg	2.1		1	YES	S4VEM
Barium	Spike	42.6		mg/kg	42.6		1	YES	S4VEM
Beryllium	Spike	1.1		mg/kg	1.1		1	YES	S4VEM
Cadmium	Spike	1.1		mg/kg	1.1		1	YES	S4VEM
Calcium	Spike	1120		mg/kg	1120		1	YES	S4VEM
Chromium	Spike	2.3		mg/kg	2.3		1	YES	S4VEM
Cobalt	Spike	10.9		mg/kg	10.9		1	YES	S4VEM
Copper	Spike	5.3		mg/kg	5.3		1	YES	S4VEM
Iron	Spike	22.7		mg/kg	22.7		1	YES	S4VEM
Lead	Spike	2.1		mg/kg	2.1		1	YES	S4VEM
Magnesium	Spike	1120		mg/kg	1120		1	YES	S4VEM
Manganese	Spike	3.6		mg/kg	3.6		1	YES	S4VEM
Nickel	Spike	9.0		mg/kg	9.0		1	YES	S4VEM
Potassium	Spike	1040		mg/kg	1040		1	YES	S4VEM
Selenium	Spike	8.0		mg/kg	8.0		1	YES	S4VEM
Silver	Spike	2.2		mg/kg	2.2		1	YES	S4VEM
Sodium	Spike	1060		mg/kg	1060		1	YES	S4VEM
Thallium	Spike	5.9		mg/kg	5.9		1	YES	S4VEM
Vanadium	Spike	11.3		mg/kg	11.3		1	YES	S4VEM
Zinc	Spike	14.0		mg/kg	14.0		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0004	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 14:45:00
% Moisture:		% Solids: 86.6	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11900		mg/kg	11900		1	YES	S4VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM
Arsenic	Target	17.1		mg/kg	17.1		1	YES	S4VEM
Barium	Target	37.4		mg/kg	37.4		1	YES	S4VEM
Beryllium	Target	0.90		mg/kg	0.90		1	YES	S4VEM
Cadmium	Target	0.12	J	mg/kg	0.12	J	1	YES	S4VEM
Calcium	Target	951		mg/kg	951		1	YES	S4VEM
Chromium	Target	47.1		mg/kg	47.1		1	YES	S4VEM
Cobalt	Target	13.2		mg/kg	13.2		1	YES	S4VEM
Copper	Target	13.7		mg/kg	13.7		1	YES	S4VEM
Iron	Target	80000		mg/kg	80000	D	5	YES	S4VEM
Lead	Target	23.7		mg/kg	23.7		1	YES	S4VEM
Magnesium	Target	819		mg/kg	819		1	YES	S4VEM
Manganese	Target	523		mg/kg	523		1	YES	S4VEM
Nickel	Target	22.8		mg/kg	22.8		1	YES	S4VEM
Potassium	Target	659		mg/kg	659		1	YES	S4VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	502	U	mg/kg	502	U	1	YES	S4VEM
Thallium	Target	0.66	J	mg/kg	0.66	J	1	YES	S4VEM
Vanadium	Target	66.5		mg/kg	66.5		1	YES	S4VEM
Zinc	Target	54.2		mg/kg	54.2		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0005	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 15:40:00
% Moisture:		% Solids: 89.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11300		mg/kg	11300		1	YES	S4VEM
Antimony	Target	5.9	U	mg/kg	5.9	U	1	YES	S4VEM
Arsenic	Target	7.3		mg/kg	7.3		1	YES	S4VEM
Barium	Target	334		mg/kg	334		1	YES	S4VEM
Beryllium	Target	0.96		mg/kg	0.96		1	YES	S4VEM
Cadmium	Target	0.18	J	mg/kg	0.18	J	1	YES	S4VEM
Calcium	Target	3930		mg/kg	3930		1	YES	S4VEM
Chromium	Target	21.8		mg/kg	21.8		1	YES	S4VEM
Cobalt	Target	29.1		mg/kg	29.1		1	YES	S4VEM
Copper	Target	38.4		mg/kg	38.4		1	YES	S4VEM
Iron	Target	37300		mg/kg	37300	D	5	YES	S4VEM
Lead	Target	18.7		mg/kg	18.7		1	YES	S4VEM
Magnesium	Target	1590		mg/kg	1590		1	YES	S4VEM
Manganese	Target	1120		mg/kg	1120		1	YES	S4VEM
Nickel	Target	38.3		mg/kg	38.3		1	YES	S4VEM
Potassium	Target	1170		mg/kg	1170		1	YES	S4VEM
Selenium	Target	3.4	U	mg/kg	3.4	U	1	YES	S4VEM
Silver	Target	0.98	U	mg/kg	0.98	U	1	YES	S4VEM
Sodium	Target	80.2	J	mg/kg	80.2	J	1	YES	S4VEM
Thallium	Target	1.2	J	mg/kg	1.2	J	1	YES	S4VEM
Vanadium	Target	30.6		mg/kg	30.6		1	YES	S4VEM
Zinc	Target	91.1		mg/kg	91.1		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0006	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 10:50:00
% Moisture:		% Solids: 90.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8030		mg/kg	8030		1	YES	S4VEM
Antimony	Target	5.5	U	mg/kg	5.5	U	1	YES	S4VEM
Arsenic	Target	6.1		mg/kg	6.1		1	YES	S4VEM
Barium	Target	50.4		mg/kg	50.4		1	YES	S4VEM
Beryllium	Target	0.40	J	mg/kg	0.40	J	1	YES	S4VEM
Cadmium	Target	0.069	J	mg/kg	0.069	J	1	YES	S4VEM
Calcium	Target	249	J	mg/kg	249	J	1	YES	S4VEM
Chromium	Target	13.1		mg/kg	13.1		1	YES	S4VEM
Cobalt	Target	7.3		mg/kg	7.3		1	YES	S4VEM
Copper	Target	9.6		mg/kg	9.6		1	YES	S4VEM
Iron	Target	17100		mg/kg	17100		1	YES	S4VEM
Lead	Target	20.0		mg/kg	20.0		1	YES	S4VEM
Magnesium	Target	564		mg/kg	564		1	YES	S4VEM
Manganese	Target	284		mg/kg	284		1	YES	S4VEM
Nickel	Target	8.6		mg/kg	8.6		1	YES	S4VEM
Potassium	Target	449	J	mg/kg	449	J	1	YES	S4VEM
Selenium	Target	3.2	U	mg/kg	3.2	U	1	YES	S4VEM
Silver	Target	0.92	U	mg/kg	0.92	U	1	YES	S4VEM
Sodium	Target	458	U	mg/kg	458	U	1	YES	S4VEM
Thallium	Target	2.3	U	mg/kg	2.3	U	1	YES	S4VEM
Vanadium	Target	26.8		mg/kg	26.8		1	YES	S4VEM
Zinc	Target	23.0		mg/kg	23.0		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0008	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Surface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 11:50:00
% Moisture:		% Solids: 71.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8480		mg/kg	8480		1	YES	S4VEM
Antimony	Target	7.3	U	mg/kg	7.3	U	1	YES	S4VEM
Arsenic	Target	11.8		mg/kg	11.8		1	YES	S4VEM
Barium	Target	140		mg/kg	140		1	YES	S4VEM
Beryllium	Target	0.83		mg/kg	0.83		1	YES	S4VEM
Cadmium	Target	0.68		mg/kg	0.68		1	YES	S4VEM
Calcium	Target	4410		mg/kg	4410		1	YES	S4VEM
Chromium	Target	15.4		mg/kg	15.4		1	YES	S4VEM
Cobalt	Target	12.2		mg/kg	12.2		1	YES	S4VEM
Copper	Target	28.6		mg/kg	28.6		1	YES	S4VEM
Iron	Target	22200		mg/kg	22200		1	YES	S4VEM
Lead	Target	83.6		mg/kg	83.6		1	YES	S4VEM
Magnesium	Target	1160		mg/kg	1160		1	YES	S4VEM
Manganese	Target	787		mg/kg	787		1	YES	S4VEM
Nickel	Target	22.7		mg/kg	22.7		1	YES	S4VEM
Potassium	Target	1020		mg/kg	1020		1	YES	S4VEM
Selenium	Target	4.3	U	mg/kg	4.3	U	1	YES	S4VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	YES	S4VEM
Sodium	Target	83.9	J	mg/kg	83.9	J	1	YES	S4VEM
Thallium	Target	3.1	U	mg/kg	3.1	U	1	YES	S4VEM
Vanadium	Target	27.1		mg/kg	27.1		1	YES	S4VEM
Zinc	Target	207		mg/kg	207		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0017	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 14:50:00
% Moisture:		% Solids: 91.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10300		mg/kg	10300		1	YES	S4VEM
Antimony	Target	5.5	U	mg/kg	5.5	U	1	YES	S4VEM
Arsenic	Target	1.4		mg/kg	1.4		1	YES	S4VEM
Barium	Target	78.0		mg/kg	78.0		1	YES	S4VEM
Beryllium	Target	0.81		mg/kg	0.81		1	YES	S4VEM
Cadmium	Target	0.46	U	mg/kg	0.46	U	1	YES	S4VEM
Calcium	Target	1540		mg/kg	1540		1	YES	S4VEM
Chromium	Target	17.6		mg/kg	17.6		1	YES	S4VEM
Cobalt	Target	21.0		mg/kg	21.0		1	YES	S4VEM
Copper	Target	12.7		mg/kg	12.7		1	YES	S4VEM
Iron	Target	22700		mg/kg	22700		1	YES	S4VEM
Lead	Target	12.0		mg/kg	12.0		1	YES	S4VEM
Magnesium	Target	2120		mg/kg	2120		1	YES	S4VEM
Manganese	Target	391		mg/kg	391		1	YES	S4VEM
Nickel	Target	23.2		mg/kg	23.2		1	YES	S4VEM
Potassium	Target	871		mg/kg	871		1	YES	S4VEM
Selenium	Target	3.2	U	mg/kg	3.2	U	1	YES	S4VEM
Silver	Target	0.92	U	mg/kg	0.92	U	1	YES	S4VEM
Sodium	Target	461	U	mg/kg	461	U	1	YES	S4VEM
Thallium	Target	2.3	U	mg/kg	2.3	U	1	YES	S4VEM
Vanadium	Target	23.6		mg/kg	23.6		1	YES	S4VEM
Zinc	Target	59.3		mg/kg	59.3		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0018	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 15:45:00
% Moisture:		% Solids: 91.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12800		mg/kg	12800		1	YES	S4VEM
Antimony	Target	5.5	U	mg/kg	5.5	U	1	YES	S4VEM
Arsenic	Target	6.6		mg/kg	6.6		1	YES	S4VEM
Barium	Target	48.0		mg/kg	48.0		1	YES	S4VEM
Beryllium	Target	1.1		mg/kg	1.1		1	YES	S4VEM
Cadmium	Target	0.13	J	mg/kg	0.13	J	1	YES	S4VEM
Calcium	Target	884		mg/kg	884		1	YES	S4VEM
Chromium	Target	34.0		mg/kg	34.0		1	YES	S4VEM
Cobalt	Target	40.1		mg/kg	40.1		1	YES	S4VEM
Copper	Target	23.0		mg/kg	23.0		1	YES	S4VEM
Iron	Target	63200		mg/kg	63200	D	5	YES	S4VEM
Lead	Target	31.2		mg/kg	31.2		1	YES	S4VEM
Magnesium	Target	2980		mg/kg	2980		1	YES	S4VEM
Manganese	Target	1040		mg/kg	1040		1	YES	S4VEM
Nickel	Target	37.5		mg/kg	37.5		1	YES	S4VEM
Potassium	Target	810		mg/kg	810		1	YES	S4VEM
Selenium	Target	3.2	U	mg/kg	3.2	U	1	YES	S4VEM
Silver	Target	0.92	U	mg/kg	0.92	U	1	YES	S4VEM
Sodium	Target	66.6	J	mg/kg	66.6	J	1	YES	S4VEM
Thallium	Target	0.79	J	mg/kg	0.79	J	1	YES	S4VEM
Vanadium	Target	35.2		mg/kg	35.2		1	YES	S4VEM
Zinc	Target	82.7		mg/kg	82.7		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0019	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Subsurface Soil	pH:	Sample Date: 10/15/2019	Sample Time: 11:00:00
% Moisture:		% Solids: 87.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12400		mg/kg	12400		1	YES	S4VEM
Antimony	Target	5.8	U	mg/kg	5.8	U	1	YES	S4VEM
Arsenic	Target	2.8		mg/kg	2.8		1	YES	S4VEM
Barium	Target	91.5		mg/kg	91.5		1	YES	S4VEM
Beryllium	Target	0.90		mg/kg	0.90		1	YES	S4VEM
Cadmium	Target	0.49	U	mg/kg	0.49	U	1	YES	S4VEM
Calcium	Target	931		mg/kg	931		1	YES	S4VEM
Chromium	Target	30.1		mg/kg	30.1		1	YES	S4VEM
Cobalt	Target	7.7		mg/kg	7.7		1	YES	S4VEM
Copper	Target	23.8		mg/kg	23.8		1	YES	S4VEM
Iron	Target	40700		mg/kg	40700	D	5	YES	S4VEM
Lead	Target	21.7		mg/kg	21.7		1	YES	S4VEM
Magnesium	Target	2160		mg/kg	2160		1	YES	S4VEM
Manganese	Target	36.8		mg/kg	36.8		1	YES	S4VEM
Nickel	Target	32.6		mg/kg	32.6		1	YES	S4VEM
Potassium	Target	1240		mg/kg	1240		1	YES	S4VEM
Selenium	Target	3.4	U	mg/kg	3.4	U	1	YES	S4VEM
Silver	Target	0.97	U	mg/kg	0.97	U	1	YES	S4VEM
Sodium	Target	487	U	mg/kg	487	U	1	YES	S4VEM
Thallium	Target	2.4	U	mg/kg	2.4	U	1	YES	S4VEM
Vanadium	Target	39.7		mg/kg	39.7		1	YES	S4VEM
Zinc	Target	38.3		mg/kg	38.3		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0023	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 16:20:00
% Moisture:		% Solids: 40.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10400		mg/kg	10400		1	YES	S4VEM
Antimony	Target	12.8	U	mg/kg	12.8	U	1	YES	S4VEM
Arsenic	Target	5.4		mg/kg	5.4		1	YES	S4VEM
Barium	Target	141		mg/kg	141		1	YES	S4VEM
Beryllium	Target	1.4		mg/kg	1.4		1	YES	S4VEM
Cadmium	Target	0.64	J	mg/kg	0.64	J	1	YES	S4VEM
Calcium	Target	2320		mg/kg	2320		1	YES	S4VEM
Chromium	Target	16.2		mg/kg	16.2		1	YES	S4VEM
Cobalt	Target	19.4		mg/kg	19.4		1	YES	S4VEM
Copper	Target	18.8		mg/kg	18.8		1	YES	S4VEM
Iron	Target	25500		mg/kg	25500		1	YES	S4VEM
Lead	Target	20.6		mg/kg	20.6		1	YES	S4VEM
Magnesium	Target	1570		mg/kg	1570		1	YES	S4VEM
Manganese	Target	580		mg/kg	580		1	YES	S4VEM
Nickel	Target	29.6		mg/kg	29.6		1	YES	S4VEM
Potassium	Target	1210		mg/kg	1210		1	YES	S4VEM
Selenium	Target	7.4	U	mg/kg	7.4	U	1	YES	S4VEM
Silver	Target	2.1	U	mg/kg	2.1	U	1	YES	S4VEM
Sodium	Target	1060	U	mg/kg	1060	U	1	YES	S4VEM
Thallium	Target	5.3	U	mg/kg	5.3	U	1	YES	S4VEM
Vanadium	Target	27.2		mg/kg	27.2		1	YES	S4VEM
Zinc	Target	130		mg/kg	130		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0024	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 15:20:00
% Moisture:		% Solids: 43.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9700		mg/kg	9700		1	YES	S4VEM
Antimony	Target	11.9	U	mg/kg	11.9	U	1	YES	S4VEM
Arsenic	Target	5.3		mg/kg	5.3		1	YES	S4VEM
Barium	Target	129		mg/kg	129		1	YES	S4VEM
Beryllium	Target	1.5		mg/kg	1.5		1	YES	S4VEM
Cadmium	Target	0.82	J	mg/kg	0.82	J	1	YES	S4VEM
Calcium	Target	4660		mg/kg	4660		1	YES	S4VEM
Chromium	Target	16.1		mg/kg	16.1		1	YES	S4VEM
Cobalt	Target	20.4		mg/kg	20.4		1	YES	S4VEM
Copper	Target	18.8		mg/kg	18.8		1	YES	S4VEM
Iron	Target	24900		mg/kg	24900		1	YES	S4VEM
Lead	Target	23.0		mg/kg	23.0		1	YES	S4VEM
Magnesium	Target	1720		mg/kg	1720		1	YES	S4VEM
Manganese	Target	511		mg/kg	511		1	YES	S4VEM
Nickel	Target	31.4		mg/kg	31.4		1	YES	S4VEM
Potassium	Target	1060		mg/kg	1060		1	YES	S4VEM
Selenium	Target	7.0	U	mg/kg	7.0	U	1	YES	S4VEM
Silver	Target	2.0	U	mg/kg	2.0	U	1	YES	S4VEM
Sodium	Target	995	U	mg/kg	995	U	1	YES	S4VEM
Thallium	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Vanadium	Target	26.4		mg/kg	26.4		1	YES	S4VEM
Zinc	Target	137		mg/kg	137		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0027	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 14:00:00
% Moisture:		% Solids: 70.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8250		mg/kg	8250		1	YES	S4VEM
Antimony	Target	7.1	U	mg/kg	7.1	U	1	YES	S4VEM
Arsenic	Target	46.7		mg/kg	46.7		1	YES	S4VEM
Barium	Target	118		mg/kg	118		1	YES	S4VEM
Beryllium	Target	1.9		mg/kg	1.9		1	YES	S4VEM
Cadmium	Target	1.2		mg/kg	1.2		1	YES	S4VEM
Calcium	Target	10700		mg/kg	10700		1	YES	S4VEM
Chromium	Target	27.3		mg/kg	27.3		1	YES	S4VEM
Cobalt	Target	26.1		mg/kg	26.1		1	YES	S4VEM
Copper	Target	33.7		mg/kg	33.7		1	YES	S4VEM
Iron	Target	74200		mg/kg	74200	D	5	YES	S4VEM
Lead	Target	81.4		mg/kg	81.4		1	YES	S4VEM
Magnesium	Target	1400		mg/kg	1400		1	YES	S4VEM
Manganese	Target	1280		mg/kg	1280		1	YES	S4VEM
Nickel	Target	43.1		mg/kg	43.1		1	YES	S4VEM
Potassium	Target	758		mg/kg	758		1	YES	S4VEM
Selenium	Target	4.1	U	mg/kg	4.1	U	1	YES	S4VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	YES	S4VEM
Sodium	Target	591	U	mg/kg	591	U	1	YES	S4VEM
Thallium	Target	1.1	J	mg/kg	1.1	J	1	YES	S4VEM
Vanadium	Target	53.2		mg/kg	53.2		1	YES	S4VEM
Zinc	Target	226		mg/kg	226		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0028	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 09:30:00
% Moisture:		% Solids: 55.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	6830		mg/kg	6830		1	YES	S4VEM
Antimony	Target	9.2	U	mg/kg	9.2	U	1	YES	S4VEM
Arsenic	Target	6.5		mg/kg	6.5		1	YES	S4VEM
Barium	Target	112		mg/kg	112		1	YES	S4VEM
Beryllium	Target	1.1		mg/kg	1.1		1	YES	S4VEM
Cadmium	Target	0.63	J	mg/kg	0.63	J	1	YES	S4VEM
Calcium	Target	6490		mg/kg	6490		1	YES	S4VEM
Chromium	Target	14.9		mg/kg	14.9		1	YES	S4VEM
Cobalt	Target	17.2		mg/kg	17.2		1	YES	S4VEM
Copper	Target	15.0		mg/kg	15.0		1	YES	S4VEM
Iron	Target	23300		mg/kg	23300		1	YES	S4VEM
Lead	Target	18.9		mg/kg	18.9		1	YES	S4VEM
Magnesium	Target	1530		mg/kg	1530		1	YES	S4VEM
Manganese	Target	776		mg/kg	776		1	YES	S4VEM
Nickel	Target	25.7		mg/kg	25.7		1	YES	S4VEM
Potassium	Target	918		mg/kg	918		1	YES	S4VEM
Selenium	Target	5.4	U	mg/kg	5.4	U	1	YES	S4VEM
Silver	Target	1.5	U	mg/kg	1.5	U	1	YES	S4VEM
Sodium	Target	122	J	mg/kg	122	J	1	YES	S4VEM
Thallium	Target	3.8	U	mg/kg	3.8	U	1	YES	S4VEM
Vanadium	Target	23.0		mg/kg	23.0		1	YES	S4VEM
Zinc	Target	106		mg/kg	106		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0028D	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 10/15/2019	Sample Time: 09:30:00
% Moisture:		% Solids: 55.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	6950		mg/kg	6950		1	YES	NV
Antimony	Target	9.3	U	mg/kg	9.3	U	1	YES	NV
Arsenic	Target	6.4		mg/kg	6.4		1	YES	NV
Barium	Target	108		mg/kg	108		1	YES	NV
Beryllium	Target	1.1		mg/kg	1.1		1	YES	NV
Cadmium	Target	0.62	J	mg/kg	0.62	J	1	YES	NV
Calcium	Target	6320		mg/kg	6320		1	YES	NV
Chromium	Target	14.4		mg/kg	14.4		1	YES	NV
Cobalt	Target	16.7		mg/kg	16.7		1	YES	NV
Copper	Target	14.7		mg/kg	14.7		1	YES	NV
Iron	Target	23800		mg/kg	23800		1	YES	NV
Lead	Target	18.5		mg/kg	18.5		1	YES	NV
Magnesium	Target	1490		mg/kg	1490		1	YES	NV
Manganese	Target	765		mg/kg	765		1	YES	NV
Nickel	Target	25.0		mg/kg	25.0		1	YES	NV
Potassium	Target	883		mg/kg	883		1	YES	NV
Selenium	Target	5.4	U	mg/kg	5.4	U	1	YES	NV
Silver	Target	1.5	U	mg/kg	1.5	U	1	YES	NV
Sodium	Target	121	J	mg/kg	121	J	1	YES	NV
Thallium	Target	0.68	J	mg/kg	0.68	J	1	YES	NV
Vanadium	Target	22.4		mg/kg	22.4		1	YES	NV
Zinc	Target	104		mg/kg	104		1	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0028L	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 55.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	7380		mg/kg	7380		5	YES	NV
Antimony	Target	46.0	U	mg/kg	46.0	U	5	YES	NV
Arsenic	Target	5.9	J	mg/kg	5.9	J	5	YES	NV
Barium	Target	120	J	mg/kg	120	J	5	YES	NV
Beryllium	Target	1.2	J	mg/kg	1.2	J	5	YES	NV
Cadmium	Target	0.59	J	mg/kg	0.59	J	5	YES	NV
Calcium	Target	7170		mg/kg	7170		5	YES	NV
Chromium	Target	15.7		mg/kg	15.7		5	YES	NV
Cobalt	Target	16.7	J	mg/kg	16.7	J	5	YES	NV
Copper	Target	15.8	J	mg/kg	15.8	J	5	YES	NV
Iron	Target	25100		mg/kg	25100		5	YES	NV
Lead	Target	19.3		mg/kg	19.3		5	YES	NV
Magnesium	Target	1740	J	mg/kg	1740	J	5	YES	NV
Manganese	Target	843		mg/kg	843		5	YES	NV
Nickel	Target	26.1	J	mg/kg	26.1	J	5	YES	NV
Potassium	Target	1060	J	mg/kg	1060	J	5	YES	NV
Selenium	Target	26.8	U	mg/kg	26.8	U	5	YES	NV
Silver	Target	7.7	U	mg/kg	7.7	U	5	YES	NV
Sodium	Target	3830	U	mg/kg	3830	U	5	YES	NV
Thallium	Target	19.2	U	mg/kg	19.2	U	5	YES	NV
Vanadium	Target	24.3	J	mg/kg	24.3	J	5	YES	NV
Zinc	Target	110		mg/kg	110		5	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0028S

Method: Metals by ICP-AES

Matrix: Soil

MA Number:

Sample Location:

pH:

Sample Date: 10/15/2019

Sample Time: 09:30:00

% Moisture:

% Solids: 55.3

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	28.9		mg/kg	28.9		1	YES	NV
Arsenic	Spike	16.8		mg/kg	16.8		1	YES	NV
Barium	Spike	678		mg/kg	678		1	YES	NV
Beryllium	Spike	15.7		mg/kg	15.7		1	YES	NV
Cadmium	Spike	14.2		mg/kg	14.2		1	YES	NV
Chromium	Spike	73.3		mg/kg	73.3		1	YES	NV
Cobalt	Spike	168		mg/kg	168		1	YES	NV
Copper	Spike	84.8		mg/kg	84.8		1	YES	NV
Lead	Spike	24.0		mg/kg	24.0		1	YES	NV
Manganese	Spike	903		mg/kg	903		1	YES	NV
Nickel	Spike	180		mg/kg	180		1	YES	NV
Selenium	Spike	31.5		mg/kg	31.5		1	YES	NV
Silver	Spike	14.3		mg/kg	14.3		1	YES	NV
Thallium	Spike	17.3		mg/kg	17.3		1	YES	NV
Vanadium	Spike	170		mg/kg	170		1	YES	NV
Zinc	Spike	263		mg/kg	263		1	YES	NV

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: MC0029	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location: Sediment	pH:	Sample Date: 10/15/2019	Sample Time: 11:00:00
% Moisture:		% Solids: 66.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9310		mg/kg	9310		1	YES	S4VEM
Antimony	Target	7.8	U	mg/kg	7.8	U	1	YES	S4VEM
Arsenic	Target	57.5		mg/kg	57.5		1	YES	S4VEM
Barium	Target	82.4		mg/kg	82.4		1	YES	S4VEM
Beryllium	Target	2.4		mg/kg	2.4		1	YES	S4VEM
Cadmium	Target	0.48	J	mg/kg	0.48	J	1	YES	S4VEM
Calcium	Target	786		mg/kg	786		1	YES	S4VEM
Chromium	Target	23.8		mg/kg	23.8		1	YES	S4VEM
Cobalt	Target	28.8		mg/kg	28.8		1	YES	S4VEM
Copper	Target	24.0		mg/kg	24.0		1	YES	S4VEM
Iron	Target	126000		mg/kg	126000	D	5	YES	S4VEM
Lead	Target	22.9		mg/kg	22.9		1	YES	S4VEM
Magnesium	Target	894		mg/kg	894		1	YES	S4VEM
Manganese	Target	341		mg/kg	341		1	YES	S4VEM
Nickel	Target	91.8		mg/kg	91.8		1	YES	S4VEM
Potassium	Target	1120		mg/kg	1120		1	YES	S4VEM
Selenium	Target	4.6	U	mg/kg	4.6	U	1	YES	S4VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	YES	S4VEM
Sodium	Target	652	U	mg/kg	652	U	1	YES	S4VEM
Thallium	Target	0.77	J	mg/kg	0.77	J	1	YES	S4VEM
Vanadium	Target	64.5		mg/kg	64.5		1	YES	S4VEM
Zinc	Target	312		mg/kg	312		1	YES	S4VEM

Sample Summary Report

Project Name: WHITE PARK Project

GroupID: 48420/EPW15007/MC0004

Lab Name: CHEMTEX

Sample Number: PBS612	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1	YES	S4VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1	YES	S4VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1	YES	S4VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1	YES	S4VEM
Calcium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Chromium	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Iron	Target	10.0	U	mg/kg	10.0	U	1	YES	S4VEM
Lead	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Magnesium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1	YES	S4VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1	YES	S4VEM
Potassium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	YES	S4VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	YES	S4VEM
Sodium	Target	500	U	mg/kg	500	U	1	YES	S4VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	YES	S4VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1	YES	S4VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1	YES	S4VEM

Appendix 6

Inorganic Surface Water Data Validation Report



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Environmental Science Center
 Region III Laboratory
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Final Analytical Report

Site Name..... WHITE PARK CERCLIS SITE
 Sample Collection Date(s)..... 10/14/19 12:40- 10/16/19 10:35
 Contact..... Justin Bleiler
 Report Date..... 11/21/19 10:47
 Project #..... DAS R35630
 Work Order..... 1910024

Analyses included in this report:

Total Metals by CLP Equivalent (ICP)

Total Metals by CLP Equivalent (ICPMS)

Approved for Release

Region III Laboratory Representative



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region III Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35630
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Report Narrative

Metals Analysis Note:

Upon receipt, the pH measurement for all 18 samples was > 2, ranging from 3 to 7. Therefore, 3 ml of nitric acid was added to all samples on 10/23/2019. Prior to sample digestion on 10/28/2019, pH was acceptable and measured <2.0 for all samples.

The results of dissolved barium, calcium, magnesium, potassium, sodium, and zinc in sample 1910024-12 (dissolved) are higher than the concentrations of these elements respectively in the sample 1910024-05 (Total) for this pair of samples. The relative percent difference (RPD) between Dissolved and Total is greater than the acceptance criteria for duplicate sample analysis for some of the elements.

1910024 Final Report DAS R35630 11 21 19 1047



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region III Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: **WHITE PARK CERCLIS SITE**

Project #: **DAS R35630**

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-4	1910024-01	Surface Water	10/14/19 12:40	10/23/19 10:40
SW-1	1910024-02	Surface Water	10/15/19 15:45	10/23/19 10:40
SW-2	1910024-03	Surface Water	10/15/19 15:10	10/23/19 10:40
SW-3	1910024-04	Surface Water	10/15/19 14:30	10/23/19 10:40
SW-6	1910024-05	Surface Water	10/15/19 15:45	10/23/19 10:40
SW-5	1910024-06	Surface Water	10/16/19 09:20	10/23/19 10:40
SW-11	1910024-07	Surface Water	10/16/19 10:15	10/23/19 10:40
SW-12	1910024-08	Surface Water	10/16/19 10:35	10/23/19 10:40
SW-13	1910024-09	Surface Water	10/16/19 10:05	10/23/19 10:40
SW-4	1910024-10	Dissolved	10/14/19 12:40	10/23/19 10:40
SW-1	1910024-11	Dissolved	10/15/19 15:45	10/23/19 10:40
SW-2	1910024-12	Dissolved	10/15/19 15:10	10/23/19 10:40
SW-3	1910024-13	Dissolved	10/15/19 14:30	10/23/19 10:40
SW-6	1910024-14	Dissolved	10/15/19 15:45	10/23/19 10:40
SW-5	1910024-15	Dissolved	10/16/19 09:20	10/23/19 10:40
SW-11	1910024-16	Dissolved	10/16/19 10:15	10/23/19 10:40
SW-12	1910024-17	Dissolved	10/16/19 10:35	10/23/19 10:40
SW-13	1910024-18	Dissolved	10/16/19 10:05	10/23/19 10:40

Case: 48420 ~~Sgt. Mc009~~ ~~work order 2004~~

Case number: R35630

USEPA CLP COC (LAB COPY)

Date Shipped: 10/14/2019

Carrier Name: FedEx

Airbill No: 80096493213

CHAIN OF CUSTODY RECORD

Case #: 48420

Cooler #:

No: 3-101419-165455-0005

Lab: CHEMTEX - Port Arthur, TX

Lab Contact: Dr. C.N. Reddy

Lab Phone: 409-983-4575

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-1	MC0002	Soil/ MCW	Grab	ICP-AES(45)	1006 (None) (1)	Surface Soil	10/14/2019 14:50	2004-01
SS-8	MC0009	Soil/ MAF	Grab	ICP-AES(45)	1048 (None) (1)	Surface Soil	10/14/2019 14:40	2004-02
SS-9	MC0010	Soil/ MAF	Grab	ICP-AES(45)	1054 (None) (1)	Surface Soil	10/14/2019 14:55	2004-03
SS-10	MC0011	Soil/ MAF	Grab	ICP-AES(45)	1060 (None) (1)	Surface Soil	10/14/2019 15:05	2004-04
SS-11	MC0012	Soil/ MAF	Grab	ICP-AES(45)	1066 (None) (1)	Surface Soil	10/14/2019 15:25	2004-05
SB-1	MC0015	Soil/ MCW	Grab	ICP-AES(45)	1090 (None), 1091 (None), 1092 (None) (3)	Subsurface Soil	10/14/2019 15:15	2004-06
SD-4	MC0026	Sediment/ MAF	Grab	ICP-AES(45)	1158 (None) (1)	Sediment	10/14/2019 12:40	2004-07
SW-4	MC0044	Surface Water/ MAF	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1289 (HNO3 pH<2), 1290 (HNO3 pH<2) (2)	Surface Water	10/14/2019 12:40	2004-08
<p>VM 10/15/2019</p>								

VM
10/22/20
R3563

10024-01
H-10
Diss.
3/19

Sample(s) to be used for Lab QC: SB-1 Tag 1091, SB-1 Tag 1092	Shipment for Case Complete? N
	Samples Transferred From Chain of Custody # -NA-
Analysis Key: ICP-AES=CLP ICP-AES Metals	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>[Signature]</i> / TRAD	10/14/19 1700	<i>[Signature]</i> (CHEMTEX)	10/15/2019 0833	Intact
<p>VM 10/15/2019</p>					

Matt Cooke / ESAT 10/23/19/10:40 5°C / pH 3-7 / MC 10/23/19

Case: P35630

USEPA CLP COC (LAB COPY)

Date Shipped: 10/15/2019

Carrier Name: FedEx

Airbill No: 800096493235

CHAIN OF CUSTODY RECORD

Case #: 48420

Cooler #:

No: 3-101519-183924-0007

Lab: CHEMTEX - Port Arthur, TX

Lab Contact: Dr. C.N. Reddy

Lab Phone: 409-983-4575

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-3	MC0004	Soil/ MCW	Grab	ICP-AES(45)	1018 (None) (1)	Surface Soil	10/15/2019 14:45	2005-01
SS-4	MC0005	Soil/ MCW	Grab	ICP-AES(45)	1024 (None) (1)	Surface Soil	10/15/2019 15:40	2005-02
SS-5	MC0006	Soil/ MCW	Grab	ICP-AES(45)	1030 (None) (1)	Surface Soil	10/15/2019 10:50	2005-03
SS-7	MC0008	Soil/ MAF	Grab	ICP-AES(45)	1042 (None) (1)	Surface Soil	10/15/2019 11:50	2005-04
SB-3	MC0017	Soil/ MCW	Grab	ICP-AES(45)	1104 (None) (1)	Subsurface Soil	10/15/2019 14:50	2005-05
SB-4	MC0018	Soil/ MCW	Grab	ICP-AES(45)	1110 (None) (1)	Subsurface Soil	10/15/2019 15:45	2005-06
SB-5	MC0019	Soil/ MCW	Grab	ICP-AES(45)	1116 (None) (1)	Subsurface Soil	10/15/2019 11:00	2005-07
SD-1	MC0023	Sediment/ MAF	Grab	ICP-AES(45)	1140 (None) (1)	Sediment	10/15/2019 16:20	2005-08
SD-2	MC0024	Sediment/ MAF	Grab	ICP-AES(45)	1146 (None) (1)	Sediment	10/15/2019 15:20	2005-09
SD-3	MC0025	Sediment/ MAF	Grab	ICP-AES(45)	1152 (None) (1)	Sediment	10/15/2019 14:30	2005-10
SD-5	MC0027	Sediment/ MAF	Grab	ICP-AES(45)	1164 (None) (1)	Sediment	10/15/2019 14:00	2005-11
SD-6	MC0028	Sediment/ MAF	Grab	ICP-AES(45)	1180 (None), 1181 (None), 1182 (None) (3)	Sediment	10/15/2019 09:30	2005-12
SD-7	MC0029	Sediment/ MAF	Grab	ICP-AES(45)	1188 (None) (1)	Sediment	10/15/2019 11:00	2005-13
SW-1	MC0041	Surface Water/ MAF	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1268 (HNO3 pH<2), 1269 (HNO3 pH<2), 1303 (HNO3 pH<2), 1304 (HNO3 pH<2), 1310 (HNO3 pH<2), 1311 (HNO3 pH<2) (6)	Surface Water	10/15/2019 15:45	P35630

Handwritten notes and signatures on the right side of the table, including a large bracket and the number '90'.

2024-02
1 Diss.

Sample(s) to be used for Lab QC: SD-6 Tag 1181, SD-6 Tag 1182, SW-1 Tag 1303, SW-1 Tag 1304, SW-1 Tag 1310, SW-1 Tag 1311	Shipment for Case Complete? N
Analysis Key: ICP-AES=CLP ICP-AES Metals	Samples Transferred From Chain of Custody # - NA -

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	Shannon A Cox	10/15/19 10:43	M. Reddy (CHEMTEX)	10/16/2019 11:17	Intact
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

Matt Cooke / ESAT

10/23/19/10:40

5°C / pH 3-7 / MC 10/23/19

Case: R 35630

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

Date Shipped: 10/16/2019

Carrier Name: FedEx

Airbill No: 80096493246

Case #: 48420

Cooler #:

No: 3-101619-122159-0009

Lab: CHEMTEX - Port Arthur, TX

Lab Contact: Mohammad Ahmed

Lab Phone: 908-728-3151

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
SS-2	MC0003	Soil/ MCW	Grab	ICP-AES(45)	1012 (None) (1)	Surface Soil	10/16/2019 11:30	
SS-6	MC0007	Soil/ MCW	Grab	ICP-AES(45)	1036 (None) (1)	Surface Soil	10/16/2019 09:45	
SB-6	MC0020	Soil/ MCW	Grab	ICP-AES(45)	1122 (None) (1)	Subsurface Soil	10/16/2019 10:00	
SB-8	MC0022	Soil/ MCW	Grab	ICP-AES(45)	1134 (None) (1)	Subsurface Soil	10/16/2019 10:00	
SD-8	MC0030	Sediment/ CLW	Grab	ICP-AES(45)	1194 (None) (1)	Sediment	10/16/2019 09:20	
110024-06 -15 Diss. SW-5	MC0045	Surface Water/ CLW	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1296 (HNO3 pH<2), 1297 (HNO3 pH<2) (2)	Surface Water	10/16/2019 09:20	
-07, -16 Diss. SW-11	MC0051	Water/ SLC	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1336 (HNO3 pH<2), 1337 (HNO3 pH<2) (2)	Surface Water	10/16/2019 10:15	R 35630 ^{UM} R 35630
-08, -17 Diss. SW-12	MC0052	Water/ CLW	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1343 (HNO3 pH<2), 1344 (HNO3 pH<2) (2)	Surface Water	10/16/2019 10:35	R 35630
-09, -18 Diss. SW-13	MC0053	Water/ SLC	Grab	CLP Total Metals(45), CLP Dissolved Metals(45)	1350 (HNO3 pH<2), 1351 (HNO3 pH<2) (2)	Surface Water	10/16/2019 10:05	R 35630
SD-9	MC0062	Sediment/ MCW	Grab	ICP-AES(45)	1379 (None) (1)	Sediment	10/16/2019 09:20	

Special Instructions:

Analysis Key: ICP-AES=CLP ICP-AES Metals

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

- N/A -

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Shannon A Co</i>	10/16/19 12:27	<i>Y. Jeevarajkumar / CHEMTEX</i>	10/17/2019 09:32	Intact
			<i>Matt Cooke / ESAT</i>	10/23/19 / 10:40	5°C / pH 3-7 / MC 10/23/19



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region III Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: WHITE PARK CERCLIS SITE Project #: DAS R35630

Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Aluminum (30.3), Barium (82.9), Calcium (38100), Iron (143), Magnesium (6090), Manganese (56.8), Nickel (1.6), Potassium (2950), and Sodium (17400).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region III Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35630

Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Lab ID, Station ID, Sample Matrix, Collected, and various metals like Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Region III Laboratory
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Fort Meade, Maryland 20755-5350



Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35630

Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Lab ID, Station ID, Sample Matrix, Collected, and various metals like Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.



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Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID:	1910024-04							
Station ID:	SW-3							
Sample Matrix:	Surface Water							
Collected:	10/15/2019							
Aluminum	48.1		20.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Antimony	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Arsenic	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Barium	98.5		10.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Beryllium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Cadmium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Calcium	35300		500	ug/L	1	10/28/19	10/29/19 13:05	R3QA155/R3QA159
Chromium	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Cobalt	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Copper	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Iron	191		100	ug/L	1	10/28/19	10/29/19 13:05	R3QA155/R3QA159
Lead	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Magnesium	5770		500	ug/L	1	10/28/19	10/29/19 13:05	R3QA155/R3QA159
Manganese	348		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Nickel	1.7		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Potassium	2670		500	ug/L	1	10/28/19	10/29/19 13:05	R3QA155/R3QA159
Selenium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Silver	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Sodium	16300		500	ug/L	1	10/28/19	10/29/19 13:05	R3QA155/R3QA159
Thallium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Vanadium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116
Zinc	4.9		2.0	ug/L	2.5	10/28/19	10/29/19 13:15	R3QA155/R3QA116



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Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID:	1910024-05							
Station ID:	SW-6							
Sample Matrix:	Surface Water							
Collected:	10/15/2019							
Aluminum	78.8		20.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Antimony	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Arsenic	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Barium	84.3		10.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Beryllium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Cadmium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Calcium	32800		500	ug/L	1	10/28/19	10/29/19 13:09	R3QA155/R3QA159
Chromium	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Cobalt	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Copper	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Iron	306		100	ug/L	1	10/28/19	10/29/19 13:09	R3QA155/R3QA159
Lead	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Magnesium	5370		500	ug/L	1	10/28/19	10/29/19 13:09	R3QA155/R3QA159
Manganese	330		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Nickel	1.8		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Potassium	2440		500	ug/L	1	10/28/19	10/29/19 13:09	R3QA155/R3QA159
Selenium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Silver	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Sodium	15300		500	ug/L	1	10/28/19	10/29/19 13:09	R3QA155/R3QA159
Thallium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Vanadium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116
Zinc	2.1		2.0	ug/L	2.5	10/28/19	10/29/19 13:19	R3QA155/R3QA116



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Site Name: WHITE PARK CERCLIS SITE **Project #:** DAS R35630

Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID:	1910024-06							
Station ID:	SW-5							
Sample Matrix:	Surface Water							
Collected:	10/16/2019							
Aluminum	U		20.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Antimony	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Arsenic	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Barium	85.6		10.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Beryllium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Cadmium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Calcium	39600		500	ug/L	1	10/28/19	10/29/19 13:20	R3QA155/R3QA159
Chromium	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Cobalt	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Copper	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Iron	527		100	ug/L	1	10/28/19	10/29/19 13:20	R3QA155/R3QA159
Lead	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Magnesium	8150		500	ug/L	1	10/28/19	10/29/19 13:20	R3QA155/R3QA159
Manganese	83.7		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Nickel	1.2		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Potassium	2720		500	ug/L	1	10/28/19	10/29/19 13:20	R3QA155/R3QA159
Selenium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Silver	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Sodium	15600		500	ug/L	1	10/28/19	10/29/19 13:20	R3QA155/R3QA159
Thallium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Vanadium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116
Zinc	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:39	R3QA155/R3QA116



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Total Metals

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Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID:	1910024-09							
Station ID:	SW-13							
Sample Matrix:	Surface Water							
Collected:	10/16/2019							
Aluminum	U		20.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Antimony	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Arsenic	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Barium	U		10.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Beryllium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Cadmium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Calcium	U		500	ug/L	1	10/28/19	10/29/19 13:32	R3QA155/R3QA159
Chromium	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Cobalt	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Copper	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Iron	U		100	ug/L	1	10/28/19	10/29/19 13:32	R3QA155/R3QA159
Lead	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Magnesium	U		500	ug/L	1	10/28/19	10/29/19 13:32	R3QA155/R3QA159
Manganese	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Nickel	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Potassium	U		500	ug/L	1	10/28/19	10/29/19 13:32	R3QA155/R3QA159
Selenium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Silver	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Sodium	U		500	ug/L	1	10/28/19	10/29/19 13:32	R3QA155/R3QA159
Thallium	U		1.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Vanadium	U		5.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116
Zinc	U		2.0	ug/L	2.5	10/28/19	10/29/19 13:51	R3QA155/R3QA116



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Total Metals

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Total Metals

Analyte	Result	Flags/ Qualifiers	Quantitation Limit	Units	Dilution	Prepared	Analyzed	Method/SOP#
Lab ID:	1910024-12							
Station ID:	SW-2							
Sample Matrix:	Dissolved							
Collected:	10/15/2019							
Aluminum	U		20.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Antimony	U		2.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Arsenic	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Barium	91.8		10.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Beryllium	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Cadmium	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Calcium	38800		500	ug/L	1	10/28/19	10/29/19 13:47	R3QA155/R3QA159
Chromium	U		2.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Cobalt	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Copper	U		2.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Iron	U		100	ug/L	1	10/28/19	10/29/19 13:47	R3QA155/R3QA159
Lead	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Magnesium	6230		500	ug/L	1	10/28/19	10/29/19 13:47	R3QA155/R3QA159
Manganese	303		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Nickel	1.8		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Potassium	2980		500	ug/L	1	10/28/19	10/29/19 13:47	R3QA155/R3QA159
Selenium	U		5.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Silver	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Sodium	17600		500	ug/L	1	10/28/19	10/29/19 13:47	R3QA155/R3QA159
Thallium	U		1.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Vanadium	U		5.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116
Zinc	U		2.0	ug/L	2.5	10/28/19	10/29/19 11:41	R3QA155/R3QA116



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Total Metals

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Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include various metals like Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, and Zinc.



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Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Lab ID, Station ID, Sample Matrix, Collected, and various metals like Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.



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Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Lab ID, Station ID, Sample Matrix, Collected, and various metals like Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.



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Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Lab ID, Station ID, Sample Matrix, Collected, and various metals like Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.



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Project #: DAS R35630

Total Metals

Table with 9 columns: Analyte, Result, Flags/Qualifiers, Quantitation Limit, Units, Dilution, Prepared, Analyzed, Method/SOP#. Rows include Lab ID, Station ID, Sample Matrix, Collected, and various metals like Aluminum, Antimony, Arsenic, etc.



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Site Name: WHITE PARK CERCLIS SITE Project #: DAS R35630

QC Data
Total Metals

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BJ92803 - Metals Water Prep

Blank (BJ92803-BLK1)

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 10:08

Table listing metals (Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc, Aluminum) with results (U) and limits (2.0, 1.0, 10.0, 1.0, 1.0, 2.0, 1.0, 2.0, 1.0, 1.0, 5.0, 1.0, 1.0, 1.0, 5.0, 2.0, 20.0) in ug/L.

Blank (BJ92803-BLK2)

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 12:35

Table listing metals (Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium, Barium, Chromium, Copper, Lead, Manganese, Nickel, Vanadium, Zinc) with results (U) and limits (200, 500, 100, 500, 500, 500, 200, 10.0, 25.0, 50.0, 15.0, 40.0, 50.0, 20.0) in ug/L.



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Site Name: WHITE PARK CERCLIS SITE Project #: DAS R35630

QC Data
Total Metals

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BJ92803 - Metals Water Prep

Blank (BJ92803-BLK3)

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 13:55

Table listing metals (Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc, Aluminum) with their respective results (U) and limits.

Blank (BJ92803-BLK4)

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 14:25

Table listing metals (Aluminum, Calcium, Iron, Magnesium, Potassium, Sodium, Manganese) with their respective results (U) and limits.

LCS (BJ92803-BS1)

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 12:17

Table listing metals (Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc) with their results, limits, spike levels, source results, and %REC values.



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Site Name: WHITE PARK CERCLIS SITE Project #: DAS R35630

QC Data
Total Metals

Table with 10 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BJ92803 - Metals Water Prep

LCS (BJ92803-BS1) Prepared: 10/28/19 09:09 Analyzed: 10/29/19 12:17
Aluminum 197 20.0 ug/L 200.0 99 85-115

LCS (BJ92803-BS2) Prepared: 10/28/19 09:09 Analyzed: 10/29/19 12:43
Aluminum 2065.79 200 ug/L 2000.0 103 85-115
Calcium 9951.08 500 " 10000 100 85-115
Iron 4990.29 100 " 5000.0 100 85-115
Magnesium 9711.05 500 " 10000 97 85-115
Potassium 19965.7 500 " 20000 100 85-115
Sodium 9943.80 500 " 10000 99 85-115
Manganese 484.672 15.0 " 500.0 97 85-115

LCS (BJ92803-BS3) Prepared: 10/28/19 09:09 Analyzed: 10/29/19 14:35
Antimony 46.5 2.0 ug/L 50.000 93 85-115
Arsenic 48.3 1.0 " 50.000 97 85-115
Barium 182 10.0 " 200.00 91 85-115
Beryllium 4.7 1.0 " 5.0000 94 85-115
Cadmium 5.1 1.0 " 5.0000 102 85-115
Chromium 47.4 2.0 " 50.000 95 85-115
Cobalt 43.2 1.0 " 50.000 86 85-115
Copper 42.6 2.0 " 50.000 85 85-115
Lead 44.3 1.0 " 50.000 89 85-115
Manganese 45.5 1.0 " 50.000 91 85-115
Nickel 43.4 1.0 " 50.000 87 85-115
Selenium 49.4 5.0 " 50.000 99 85-115
Silver 4.6 1.0 " 5.0000 92 85-115
Thallium 44.4 1.0 " 50.000 89 85-115
Vanadium 47.3 5.0 " 50.000 95 85-115
Zinc 44.8 2.0 " 50.000 90 85-115
Aluminum 203 20.0 " 200.00 102 85-115



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Site Name: WHITE PARK CERCLIS SITE **Project #:** DAS R35630

**QC Data
 Total Metals**

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJ92803 - Metals Water Prep

LCS (BJ92803-BS4)

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 14:29

Aluminum	2089.04	200	ug/L	2000.0		104	85-115			
Calcium	10048.3	500	"	10000		100	85-115			
Iron	5015.80	100	"	5000.0		100	85-115			
Magnesium	9770.38	500	"	10000		98	85-115			
Potassium	20068.3	500	"	20000		100	85-115			
Sodium	9960.05	500	"	10000		100	85-115			
Manganese	486.570	15.0	"	500.00		97	85-115			

Duplicate (BJ92803-DUP1)

Source: 1910024-01

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 12:58

Antimony	0.09	2.0	ug/L			0.08		9	20	
Arsenic	0.6	1.0	"			0.6		12	20	
Barium	81.2	10.0	"			82.9		2	20	
Beryllium	0.0005	1.0	"			U			20	
Cadmium	0.03	1.0	"			0.06		55	20	D
Chromium	U	2.0	"			U			20	
Cobalt	0.2	1.0	"			0.2		3	20	
Copper	0.6	2.0	"			0.6		6	20	
Lead	0.06	1.0	"			0.06		10	20	
Manganese	54.7	1.0	"			56.8		4	20	
Nickel	1.5	1.0	"			1.6		4	20	
Selenium	0.05	5.0	"			0.2		132	20	D
Silver	0.002	1.0	"			0.009		130	20	D
Thallium	0.002	1.0	"			0.003		30	20	D
Vanadium	0.3	5.0	"			0.3		5	20	
Zinc	0.8	2.0	"			0.9		7	20	
Aluminum	30.1	20.0	"			30.3		0.8	20	

Duplicate (BJ92803-DUP2)

Source: 1910024-01

Prepared: 10/28/19 09:09 Analyzed: 10/29/19 12:50

Calcium	37700.6	500	ug/L			38055.6		0.9	20	
Iron	138.577	100	"			142.813		3	20	
Magnesium	6051.00	500	"			6085.24		0.6	20	
Potassium	2929.75	500	"			2951.81		0.8	20	
Sodium	17270.8	500	"			17416.8		0.8	20	



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Site Name: WHITE PARK CERCLIS SITE Project #: DAS R35630

QC Data
Total Metals

Table with 10 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BJ92803 - Metals Water Prep

Table for Duplicate (BJ92803-DUP3) with columns for Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes. Includes metals like Antimony, Arsenic, Barium, etc.

Table for Duplicate (BJ92803-DUP4) with columns for Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes. Includes Calcium, Iron, Magnesium, etc.

Table for Matrix Spike (BJ92803-MS1) with columns for Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes. Includes Antimony, Arsenic, Barium, etc.



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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35630
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**QC Data
Total Metals**

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BJ92803 - Metals Water Prep

Matrix Spike (BJ92803-MS2)	Source: 1910024-03			Prepared: 10/28/19 09:09	Analyzed: 10/29/19 13:01		
Calcium	49170.2	500	ug/L	10000	37559.7	116	70-130
Iron	5297.67	100	"	5000.0	150.754	103	70-130
Magnesium	16003.2	500	"	10000	5958.06	100	70-130
Potassium	23226.8	500	"	20000	2793.53	102	70-130
Sodium	27541.0	500	"	10000	17077.9	105	70-130

Matrix Spike (BJ92803-MS3)	Source: 1910024-12			Prepared: 10/28/19 09:09	Analyzed: 10/29/19 11:45		
Antimony	48.0	2.0	ug/L	50.000	0.09	96	70-130
Arsenic	51.4	1.0	"	50.000	0.7	101	70-130
Barium	273	10.0	"	200.00	91.8	91	70-130
Beryllium	4.8	1.0	"	5.0000	U	95	70-130
Cadmium	4.8	1.0	"	5.0000	0.01	96	70-130
Chromium	48.1	2.0	"	50.000	U	96	70-130
Cobalt	45.9	1.0	"	50.000	0.3	91	70-130
Copper	45.0	2.0	"	50.000	0.6	89	70-130
Lead	44.5	1.0	"	50.000	0.02	89	70-130
Manganese	339	1.0	"	50.000	303	71	70-130
Nickel	46.2	1.0	"	50.000	1.8	89	70-130
Selenium	53.1	5.0	"	50.000	0.2	106	70-130
Silver	4.6	1.0	"	5.0000	0.002	93	70-130
Thallium	44.4	1.0	"	50.000	U	89	70-130
Vanadium	49.7	5.0	"	50.000	0.2	99	70-130
Zinc	49.5	2.0	"	50.000	1.4	96	70-130
Aluminum	195	20.0	"	200.00	5.0	95	70-130

Matrix Spike (BJ92803-MS4)	Source: 1910024-12			Prepared: 10/28/19 09:09	Analyzed: 10/29/19 13:51		
Calcium	50512.8	500	ug/L	10000	38821.9	117	70-130
Iron	5186.62	100	"	5000.0	38.6870	103	70-130
Magnesium	16306.4	500	"	10000	6225.11	101	70-130
Potassium	23575.8	500	"	20000	2976.64	103	70-130
Sodium	28280.3	500	"	10000	17644.0	106	70-130



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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35630
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Notes and Definitions

- TD Spike concentration is too dilute for accurate quantitation resulting in inaccurate recovery calculations..
- D Source sample result and/or duplicate sample result are below the quantitation limit and the RPD is artificially high. Precision data (RPD value) has no significance for this QC Sample.
- %REC Percent Recovery
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.
- NR Not Reported

QUANTITATION LIMIT: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Percent Solids (percent dry wt at 105 degrees C) determinations are routinely performed for most organic and inorganic analyses. Consequently, these samples are analyzed wet and converted to a dry weight result for reporting purposes. If metals and mercury analyses are requested, they are routinely prepared for analyses by an initial drying at 60 degrees C, homogenized prior to digestion, and are analyzed and reported on a dry weight basis. Oil-type samples are analyzed and reported on a wet weight basis for all analyses because of the nature of the sample matrix. Any exceptions to this protocol will be noted in the narrative.

ON-DEMAND: The term 'on-demand' analysis, if noted in the report narrative, refers to Section 13.1.4 in the Region III OASQA Laboratory Quality Manual, which provides procedures for non-routine analyses or analytes.

Appendix 7

Soil Vapor Data Validation Report



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Final Analytical Report

Site Name..... WHITE PARK CERCLIS SITE
 Sample Collection Date(s)..... 10/15/19 18:15- 10/15/19 18:50
 Contact..... Justin Bleiler
 Report Date..... 11/18/19 08:30
 Project #..... DAS R35633
 Work Order..... 1910021

Analyses included in this report:

VOCs by EPA TO-15, TO-15 list (ESAT)

Approved for Release

Region III Laboratory Representative



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Region III Laboratory
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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
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Report Narrative

Chain of Custody (COC) Form Note:

The case number recorded on the COC form (48420) corresponds to the RAS#. The correct case number, DAS# R35633, was used for sample login.

VOC Air Analysis Note:

This report provides reporting units in ug/m3 and ppbv. Slight rounding errors may occur in the Electronic Data Deliverable (EDD). Recovery of dichlorodifluoromethane from Blank Spike BK90403-BS1 was below the QC limit (< 70%). Dichlorodifluoromethane in samples 1910021-01 through 1910021-04 was, therefore, qualified as estimated (qualifer J). The quantitation limits for blanks BK90403-BLK1 and BK90403-BLK2 are qualified as biased low (UL) due to this outlier.

1910021 Final Report DAS R35633 11/18/2019



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled Begin	Date Sampled End	Date Received
VP-2	1910021-01	Air	10/15/19 17:25	10/15/19 18:25	10/18/19 10:50
VP-3	1910021-02	Air	10/15/19 17:15	10/15/19 18:15	10/18/19 10:50
VP-4	1910021-03	Air	10/15/19 17:50	10/15/19 18:50	10/18/19 10:50
VP-5	1910021-04	Air	10/15/19 17:45	10/15/19 18:45	10/18/19 10:50



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

Station ID: VP-2

Lab ID: 1910021-01

Sample Matrix: Air

Date Collected: 10/15/2019

Volatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result (µg/m3), Result (ppbv), Quantitation Limit (ppbv), Flags Qualifiers, Dilution, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Benzyl chloride, Bromodichloromethane, Bromoform, Bromomethane, 1,3-Butadiene, 2-Butanone, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, Cyclohexane, Dibromochloromethane, 1,2-Dibromoethane (EDB), 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Dichlorotetrafluoroethane, 1,4-Dioxane, Ethanol, Ethyl Acetate, Ethylbenzene, 4-Ethyltoluene.



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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-2	Lab ID: 1910021-01
Sample Matrix: Air	Date Collected: 10/15/2019

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Heptane	41.3	10.0	0.5		1	10/22/19 15:48	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Hexane	5.0	1.4	0.5		1	10/22/19 15:48	TO-15/R3QA230
2-Hexanone	24.0	5.8	0.5		1	10/22/19 15:48	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Propylene	120	69.3	6.2		12.5	10/22/19 16:50	TO-15/R3QA230
Styrene	1.3	0.3	0.5	J	1	10/22/19 15:48	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Toluene	13.4	3.5	0.5		1	10/22/19 15:48	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Trichlorofluoromethane	1.7	0.3	0.5	J	1	10/22/19 15:48	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.2	0.2	0.5	J	1	10/22/19 15:48	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	10/22/19 15:48	TO-15/R3QA230
m,p-Xylene	33.8	7.7	1.0		1	10/22/19 15:48	TO-15/R3QA230
o-Xylene	8.6	2.0	0.5		1	10/22/19 15:48	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: Bromofluorobenzene 9.33 **93 %** 80-120 10/22/19 10/22/19 15:48 TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-3	Lab ID: 1910021-02
Sample Matrix: Air	Date Collected: 10/15/2019

**Volatile Organic Compounds
 Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	109	45.5	6.2		12.5	10/22/19 18:55	TO-15/R3QA230
Benzene	4.4	1.4	0.5		1	10/22/19 17:54	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Bromoform	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Bromomethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,3-Butadiene	11.9	5.3	0.5		1	10/22/19 17:54	TO-15/R3QA230
2-Butanone	548	184	6.2		12.5	10/22/19 18:55	TO-15/R3QA230
Carbon disulfide	23.3	7.4	0.5		1	10/22/19 17:54	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Chlorobenzene	3.3	0.7	0.5		1	10/22/19 17:54	TO-15/R3QA230
Chloroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Chloroform	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Chloromethane	2.6	1.2	0.5		1	10/22/19 17:54	TO-15/R3QA230
Cyclohexane	10.6	3.0	0.5		1	10/22/19 17:54	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,2-Dichlorobenzene	2.0	0.3	0.5	J	1	10/22/19 17:54	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,4-Dichlorobenzene	1.7	0.3	0.5	J	1	10/22/19 17:54	TO-15/R3QA230
Dichlorodifluoromethane	1.6	0.3	0.5	J	1	10/22/19 17:54	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Ethanol	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Ethylbenzene	3.5	0.8	0.5		1	10/22/19 17:54	TO-15/R3QA230



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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-3	Lab ID: 1910021-02
Sample Matrix: Air	Date Collected: 10/15/2019

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
4-Ethyltoluene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Freon 113	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Heptane	45.3	11.0	0.5		1	10/22/19 17:54	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Hexane	9.4	2.6	0.5		1	10/22/19 17:54	TO-15/R3QA230
2-Hexanone	31.0	7.5	0.5		1	10/22/19 17:54	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Propylene	244	140	6.2		12.5	10/22/19 18:55	TO-15/R3QA230
Styrene	1.0	0.2	0.5	J	1	10/22/19 17:54	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Toluene	16.5	4.3	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Trichlorofluoromethane	1.6	0.3	0.5	J	1	10/22/19 17:54	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	10/22/19 17:54	TO-15/R3QA230
m,p-Xylene	10.1	2.3	1.0		1	10/22/19 17:54	TO-15/R3QA230
o-Xylene	3.5	0.8	0.5		1	10/22/19 17:54	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-3	Lab ID: 1910021-02
Sample Matrix: Air	Date Collected: 10/15/2019

Volatile Organic Compounds

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: Bromofluorobenzene</i>	10.1		101 %	80-120	10/22/19	10/22/19 17:54	TO-15/R3QA230



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701 Mapes Road
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Site Name: WHITE PARK CERCLIS SITE Project #: DAS R35633
Station ID: VP-4 Lab ID: 1910021-03
Sample Matrix: Air Date Collected: 10/15/2019

Volatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result (µg/m3), Result (ppbv), Quantitation Limit (ppbv), Flags Qualifiers, Dilution, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Benzyl chloride, Bromodichloromethane, Bromoform, Bromomethane, 1,3-Butadiene, 2-Butanone, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, Cyclohexane, Dibromochloromethane, 1,2-Dibromoethane (EDB), 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Dichlorotetrafluoroethane, 1,4-Dioxane, Ethanol, Ethyl Acetate, Ethylbenzene, 4-Ethyltoluene.



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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-4	Lab ID: 1910021-03
Sample Matrix: Air	Date Collected: 10/15/2019

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Freon 113	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Heptane	24.1	5.8	0.5		1	10/22/19 20:00	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Hexane	23.2	6.5	0.5		1	10/22/19 20:00	TO-15/R3QA230
2-Hexanone	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Isopropyl alcohol	13.8	5.6	0.5		1	10/22/19 20:00	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Propylene	19.7	11.4	0.5		1	10/22/19 20:00	TO-15/R3QA230
Styrene	1.3	0.3	0.5	J	1	10/22/19 20:00	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Tetrachloroethene	2.2	0.3	0.5	J	1	10/22/19 20:00	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Toluene	8.2	2.2	0.5		1	10/22/19 20:00	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Trichlorofluoromethane	1.4	0.2	0.5	J	1	10/22/19 20:00	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	10/22/19 20:00	TO-15/R3QA230
m,p-Xylene	4.3	1.0	1.0		1	10/22/19 20:00	TO-15/R3QA230
o-Xylene	1.5	0.3	0.5	J	1	10/22/19 20:00	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate: Bromofluorobenzene 9.92 **99 %** 80-120 10/22/19 10/22/19 20:00 TO-15/R3QA230



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

Station ID: VP-5

Lab ID: 1910021-04

Sample Matrix: Air

Date Collected: 10/15/2019

Volatile Organic Compounds
Targets

Table with 8 columns: Analyte, Result (µg/m3), Result (ppbv), Quantitation Limit (ppbv), Flags Qualifiers, Dilution, Analyzed, Method/SOP#. Rows include Acetone, Benzene, Benzyl chloride, Bromodichloromethane, Bromoform, Bromomethane, 1,3-Butadiene, 2-Butanone, Carbon disulfide, Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, Cyclohexane, Dibromochloromethane, 1,2-Dibromoethane (EDB), 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene, Dichlorotetrafluoroethane, 1,4-Dioxane, Ethanol, Ethyl Acetate, Ethylbenzene.



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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-5	Lab ID: 1910021-04
Sample Matrix: Air	Date Collected: 10/15/2019

**Volatile Organic Compounds
 Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
4-Ethyltoluene	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Freon 113	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Heptane	46.5	11.2	0.5		1	10/22/19 22:06	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Hexane	7.2	2.0	0.5		1	10/22/19 22:06	TO-15/R3QA230
2-Hexanone	65.3	15.8	0.5		1	10/22/19 22:06	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Propylene	241	139	14.9		29.8	10/23/19 17:54	TO-15/R3QA230
Styrene	1.6	0.4	0.5	J	1	10/22/19 22:06	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Toluene	14.7	3.9	0.5		1	10/22/19 22:06	TO-15/R3QA230
1,2,4-Trichlorobenzene	2.1	0.3	0.5	J	1	10/22/19 22:06	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Trichlorofluoromethane	1.5	0.3	0.5	J	1	10/22/19 22:06	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	10/22/19 22:06	TO-15/R3QA230
m,p-Xylene	7.7	1.8	1.0		1	10/22/19 22:06	TO-15/R3QA230
o-Xylene	2.3	0.5	0.5		1	10/22/19 22:06	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Site Name: WHITE PARK CERCLIS SITE	Project #: DAS R35633
Station ID: VP-5	Lab ID: 1910021-04
Sample Matrix: Air	Date Collected: 10/15/2019

Volatile Organic Compounds

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: Bromofluorobenzene</i>	10.0		100 %	80-120	10/22/19	10/22/19 22:06	TO-15/R3QA230



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ppbv), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1910021-01, Station ID: VP-2, Sample Matrix: Air, Collected: 10/15/2019, and a list of compounds like 1-Propene, Acetaldehyde, etc.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ppbv), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1910021-02, Station ID: VP-3, Sample Matrix: Air, Collected: 10/15/2019, and a list of compounds like Propyne, 1-Propene, Acetaldehyde, etc.



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ppbv), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1910021-03, Station ID: VP-4, Sample Matrix: Air, Collected: 10/15/2019, and a list of compounds like 1-Propene, Acetaldehyde, Butane, etc.

Volatile Organic Compounds

Table with 7 columns: CAS Number, Compound, Result (ppbv), Analyte Qualifiers, Retention Time, Analyzed, Method/SOP#. Includes Lab ID: 1910021-04, Station ID: VP-5, Sample Matrix: Air, Collected: 10/15/2019, and a list of compounds like Propyne, 1-Propene, Acetaldehyde, etc.



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BK90403 - TO-15 prep ESAT

Blank (BK90403-BLK1)

Prepared: 10/22/19 05:45 Analyzed: 10/22/19 14:41

Main data table listing various chemical analytes (e.g., Acetone, Benzene, Chlorobenzene) with their respective results (U), limits (0.5), and units (ppbv). Includes a 'UL' note in the Notes column.



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BK90403 - TO-15 prep ESAT

Blank (BK90403-BLK1)

Prepared: 10/22/19 05:45 Analyzed: 10/22/19 14:41

Table listing analytes for Blank (BK90403-BLK1) with results (U) and limits (0.5, 1.0, 10.000) in ppbv.

Blank (BK90403-BLK2)

Prepared: 10/23/19 05:45 Analyzed: 10/23/19 15:49

Table listing analytes for Blank (BK90403-BLK2) with results (U) and limits (0.5) in ppbv.



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BK90403 - TO-15 prep ESAT

Blank (BK90403-BLK2)

Prepared: 10/23/19 05:45 Analyzed: 10/23/19 15:49

Main data table listing various chemical compounds (e.g., 1,3-Dichlorobenzene, Ethanol, Toluene) with their respective results (U), limits (0.5), and units (ppbv). Includes a 'UL' note for Dichlorodifluoromethane.



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

QC Data
 Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BK90403 - TO-15 prep ESAT

Blank (BK90403-BLK2)

Prepared: 10/23/19 05:45 Analyzed: 10/23/19 15:49

m,p-Xylene	U	1.0	ppbv							
o-Xylene	U	0.5	"							
Surrogate: Bromofluorobenzene	9.75		"	10.000		98	80-120			

LCS (BK90403-BS1)

Prepared: 10/22/19 05:45 Analyzed: 10/23/19 03:31

Acetone	4.57500	0.5	ppbv	5.0000		92	70-130			
Benzene	5.13600	0.5	"	5.0000		103	70-130			
Benzyl chloride	5.66900	0.5	"	5.0000		113	70-130			
Bromodichloromethane	5.00000	0.5	"	5.0000		100	70-130			
Bromoform	5.71100	0.5	"	5.0000		114	70-130			
Bromomethane	5.05300	0.5	"	5.0000		101	70-130			
1,3-Butadiene	4.95700	0.5	"	5.0000		99	70-130			
2-Butanone	5.23300	0.5	"	5.0000		105	70-130			
Carbon disulfide	4.89000	0.5	"	5.0000		98	70-130			
Carbon Tetrachloride	5.26400	0.5	"	5.0000		105	70-130			
Chlorobenzene	5.34700	0.5	"	5.0000		107	70-130			
Chloroethane	4.71600	0.5	"	5.0000		94	70-130			
Chloroform	5.03100	0.5	"	5.0000		101	70-130			
Chloromethane	4.65700	0.5	"	5.0000		93	70-130			
Cyclohexane	5.24700	0.5	"	5.0000		105	70-130			
Dibromochloromethane	5.32000	0.5	"	5.0000		106	70-130			
1,2-Dibromoethane (EDB)	5.40400	0.5	"	5.0000		108	70-130			
1,2-Dichlorobenzene	5.66400	0.5	"	5.0000		113	70-130			
1,3-Dichlorobenzene	5.67100	0.5	"	5.0000		113	70-130			
1,4-Dichlorobenzene	5.53700	0.5	"	5.0000		111	70-130			
Dichlorodifluoromethane	3.12400	0.5	"	5.0000		62	70-130			A
1,1-Dichloroethane	4.77900	0.5	"	5.0000		96	70-130			
1,2-Dichloroethane	4.95000	0.5	"	5.0000		99	70-130			
1,1-Dichloroethene	5.05400	0.5	"	5.0000		101	70-130			
cis-1,2-Dichloroethene	5.08000	0.5	"	5.0000		102	70-130			
trans-1,2-Dichloroethene	4.92600	0.5	"	5.0000		99	70-130			
1,2-Dichloropropane	4.74400	0.5	"	5.0000		95	70-130			
cis-1,3-Dichloropropene	5.24400	0.5	"	5.0000		105	70-130			
trans-1,3-Dichloropropene	5.43000	0.5	"	5.0000		109	70-130			
Dichlorotetrafluoroethane	4.95000	0.5	"	5.0000		99	70-130			
1,4-Dioxane	5.24300	0.5	"	5.0000		105	70-130			
Ethanol	4.46800	0.5	"	5.0000		89	70-130			
Ethyl Acetate	4.57600	0.5	"	5.0000		92	70-130			
Ethylbenzene	5.70100	0.5	"	5.0000		114	70-130			
4-Ethyltoluene	5.99000	0.5	"	5.0000		120	70-130			
Freon 113	5.34400	0.5	"	5.0000		107	70-130			



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Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

QC Data
 Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BK90403 - TO-15 prep ESAT

LCS (BK90403-BS1)

Prepared: 10/22/19 05:45 Analyzed: 10/23/19 03:31

Heptane	4.87300	0.5	ppbv	5.0000		97	70-130			
Hexachlorobutadiene	5.69000	0.5	"	5.0000		114	70-130			
Hexane	5.09700	0.5	"	5.0000		102	70-130			
2-Hexanone	4.81000	0.5	"	5.0000		96	70-130			
Isopropyl alcohol	4.73200	0.5	"	5.0000		95	70-130			
Methyl tert-Butyl Ether	5.47700	0.5	"	5.0000		110	70-130			
4-Methyl-2-pentanone	4.79500	0.5	"	5.0000		96	70-130			
Methylene Chloride	5.01900	0.5	"	5.0000		100	70-130			
Propylene	4.41100	0.5	"	5.0000		88	70-130			
Styrene	6.07200	0.5	"	5.0000		121	70-130			
1,1,2,2-Tetrachloroethane	5.07900	0.5	"	5.0000		102	70-130			
Tetrachloroethene	5.55600	0.5	"	5.0000		111	70-130			
Tetrahydrofuran	5.27700	0.5	"	5.0000		106	70-130			
Toluene	5.50100	0.5	"	5.0000		110	70-130			
1,2,4-Trichlorobenzene	6.23600	0.5	"	5.0000		125	70-130			
1,1,1-Trichloroethane	5.18700	0.5	"	5.0000		104	70-130			
1,1,2-Trichloroethane	5.17300	0.5	"	5.0000		103	70-130			
Trichloroethene	5.34200	0.5	"	5.0000		107	70-130			
Trichlorofluoromethane	5.12200	0.5	"	5.0000		102	70-130			
1,2,4-Trimethylbenzene	6.04100	0.5	"	5.0000		121	70-130			
1,3,5-Trimethylbenzene	5.67900	0.5	"	5.0000		114	70-130			
Vinyl acetate	5.14500	0.5	"	5.0000		103	70-130			
Vinyl chloride	4.99900	0.5	"	5.0000		100	70-130			
m,p-Xylene	11.3330	1.0	"	10.000		113	70-130			
o-Xylene	5.60000	0.5	"	5.0000		112	70-130			

Surrogate: Bromofluorobenzene

10.3

10.000

103

80-120

Matrix Spike (BK90403-MS1)

Source: 1910021-01RE1

Prepared: 10/22/19 05:45

Analyzed: 10/23/19 01:17

Acetone	8.29300	0.5	ppbv	5.0000	3.86400	89	70-130			
Benzene	5.22100	0.5	"	5.0000	U	104	70-130			
Benzyl chloride	5.69600	0.5	"	5.0000	U	114	70-130			
Bromodichloromethane	4.99300	0.5	"	5.0000	U	100	70-130			
Bromoform	5.63100	0.5	"	5.0000	U	113	70-130			
Bromomethane	5.04200	0.5	"	5.0000	U	101	70-130			
1,3-Butadiene	5.16300	0.5	"	5.0000	U	103	70-130			
2-Butanone	18.7950	0.5	"	5.0000	13.5300	105	70-130			
Carbon disulfide	5.26300	0.5	"	5.0000	0.382000	98	70-130			
Carbon Tetrachloride	5.24700	0.5	"	5.0000	U	105	70-130			
Chlorobenzene	5.33900	0.5	"	5.0000	U	107	70-130			
Chloroethane	4.73800	0.5	"	5.0000	U	95	70-130			
Chloroform	5.02800	0.5	"	5.0000	U	101	70-130			



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Environmental Science Center
Region III Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: WHITE PARK CERCLIS SITE

Project #: DAS R35633

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BK90403 - TO-15 prep ESAT

Main data table with columns: Matrix Spike (BK90403-MS1), Source: 1910021-01RE1, Prepared: 10/22/19 05:45, Analyzed: 10/23/19 01:17, and various analyte results.



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Project #: DAS R35633

QC Data
Volatile Organic Compounds

Table with 11 columns: Analyte, Result, Quantitation Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Notes

Batch BK90403 - TO-15 prep ESAT

Table for Matrix Spike (BK90403-MS1) with columns for analyte, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes. Includes surrogate Bromofluorobenzene.

Table for Matrix Spike Dup (BK90403-MSD1) with columns for analyte, result, limit, units, spike level, source result, %REC, %REC limits, RPD, RPD limit, and notes. Lists various VOCs like Acetone, Benzene, etc.



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QC Data
 Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BK90403 - TO-15 prep ESAT

Matrix Spike Dup (BK90403-MSD1)	Source: 1910021-01RE1	Prepared: 10/22/19 05:45	Analyzed: 10/23/19 02:23
Ethanol	5.57500	0.5 ppbv	5.0000 1.19700 88 70-130 3 25
Ethyl Acetate	4.53500	0.5 "	5.0000 U 91 70-130 2 25
Ethylbenzene	5.77000	0.5 "	5.0000 U 115 70-130 2 25
4-Ethyltoluene	5.95400	0.5 "	5.0000 U 119 70-130 0 25
Freon 113	5.29100	0.5 "	5.0000 U 106 70-130 0.5 25
Heptane	5.53700	0.5 "	5.0000 0.728000 96 70-130 3 25
Hexachlorobutadiene	5.58300	0.5 "	5.0000 U 112 70-130 0.6 25
Hexane	5.13500	0.5 "	5.0000 U 103 70-130 2 25
2-Hexanone	5.20900	0.5 "	5.0000 0.296000 98 70-130 2 25
Isopropyl alcohol	4.84900	0.5 "	5.0000 U 97 70-130 0.8 25
Methyl tert-Butyl Ether	5.43200	0.5 "	5.0000 U 109 70-130 0.07 25
4-Methyl-2-pentanone	4.79200	0.5 "	5.0000 U 96 70-130 1 25
Methylene Chloride	4.96600	0.5 "	5.0000 U 99 70-130 1 25
Propylene	9.62500	0.5 "	5.0000 5.54500 82 70-130 5 25
Styrene	5.96200	0.5 "	5.0000 U 119 70-130 1 25
1,1,2,2-Tetrachloroethane	5.00100	0.5 "	5.0000 U 100 70-130 2 25
Tetrachloroethene	5.44500	0.5 "	5.0000 U 109 70-130 0.1 25
Tetrahydrofuran	5.22800	0.5 "	5.0000 U 105 70-130 0.6 25
Toluene	5.69200	0.5 "	5.0000 0.226000 109 70-130 1 25
1,2,4-Trichlorobenzene	6.05200	0.5 "	5.0000 U 121 70-130 0.08 25
1,1,1-Trichloroethane	5.11200	0.5 "	5.0000 U 102 70-130 1 25
1,1,2-Trichloroethane	5.07600	0.5 "	5.0000 U 102 70-130 1 25
Trichloroethene	5.31200	0.5 "	5.0000 U 106 70-130 1 25
Trichlorofluoromethane	5.07000	0.5 "	5.0000 U 101 70-130 0.8 25
1,2,4-Trimethylbenzene	6.03400	0.5 "	5.0000 U 121 70-130 0.3 25
1,3,5-Trimethylbenzene	5.52700	0.5 "	5.0000 U 111 70-130 0.3 25
Vinyl acetate	5.11500	0.5 "	5.0000 U 102 70-130 2 25
Vinyl chloride	4.89000	0.5 "	5.0000 U 98 70-130 2 25
m,p-Xylene	11.7120	1.0 "	10.000 0.556000 112 70-130 2 25
o-Xylene	5.64900	0.5 "	5.0000 U 113 70-130 1 25
Surrogate: Bromofluorobenzene	10.3	"	10.000 103 80-120



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Notes and Definitions

- UL The analyte was not detected. The quantitation limit is probably higher due to indications of a low bias.
- T Tentatively Identified Compound. Identified as a result of a library search using the EPA/NIST Mass Spectral Library. Standards were not used to verify the identity and quantity of the compound. The reported value is an estimate.
- J The identification of the analyte is acceptable; the reported value is an estimate.
- A Quality control value is outside acceptance limits.

- %REC Percent Recovery
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.
- NR Not Reported

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier

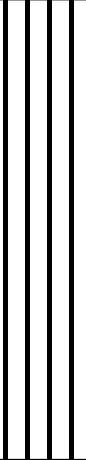
Appendix 8
Soil Boring Logs

Project Name: White Park				BORING LOG SS-1/SB-1		
Project Number: 04-18-0285						
Depth, feet	Symbol/USCS	Location: Well Elevation:		PID (ppm)	Sample ID	Observations
		Lithologic Description				
		Humic top soil			SS-1 (0-2)	
		Yellow brown clayey SILT, slightly moist, crumbly, stiff		0.0		
		Light brown clayey SILT, slightly moist, stiff				
		Light brown silty CLAY, slightly moist, low plasticity		0.0		
10		Yellow brown silty CLAY, slightly moist, trace very fine sand, low plasticity		0.0		
		Greyish brown CLAY, slightly moist, moderate plasticity		0.0	SB-1 (16-18)	
		Greyish brown SILT and very fine sand, moist to wet		0.0		
20		Yellow orange SAND, very fine, moist layers		0.0		
						
						
30						
40						

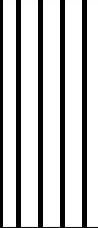
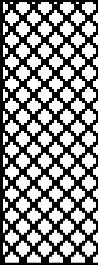
Completion Depth:	24'
Date Started:	10/14/2019
Date Completed:	10/14/2019
Engineer/Geologist:	MCW
Driller:	EnviroCore

Remarks:

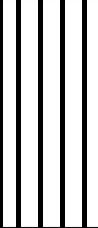
The stratification lines represent approximate strata boundaries.
Transition may be gradual.

Project Name: White Park				BORING LOG SS-3/SB-3		
Project Number: 04-18-0285						
Depth, feet	Symbol/USCS	Location: Well Elevation:		PID (ppm)	Sample ID	Observations
		Lithologic Description				
5		Yellow brown clayey SILT, dry, some shale fragments		0.0	SS-3 (0-2)	
		Brown weathered SHALE		0.0	SB-3 (6-8)	
10		Refusal on shale at 8.2 feet				
15						
20						
Completion Depth: 8.2'		Remarks:				
Date Started: 10/15/2019						
Date Completed: 10/15/2019						
Engineer/Geologist: MCW						
Driller: EnviroCore						

The stratification lines represent approximate strata boundaries.
Transition may be gradual.

Project Name: White Park				BORING LOG SS-4/SB-4		
Project Number: 04-18-0285						
Depth, feet	Symbol/USCS	Location: Well Elevation:		PID (ppm)	Sample ID	Observations
		Lithologic Description				
		Humic top soil		0.0	SS-4 (0-2)	
		Brown clayey SILT, dry				
5		Brown weathered SHALE, dry, crumbly		0.0	SB-4 (6-8)	
		Refusal on shale at 8.4 feet		0.0		
10						
15						
20						
Completion Depth: 8.4'		Remarks:				
Date Started: 10/15/2019						
Date Completed: 10/15/2019						
Engineer/Geologist: MCW						
Driller: EnviroCore						

The stratification lines represent approximate strata boundaries.
Transition may be gradual.

Project Name: White Park				BORING LOG SS-5/SB-5		
Project Number: 04-18-0285						
Depth, feet	Symbol/USCS	Location: Well Elevation:		PID (ppm)	Sample ID	Observations
		Lithologic Description				
		Humic top soil		0.0	SS-5 (0-2)	
		Brown SILT, dry				
5		Brown silty CLAY, dry		0.0	SB-5 (4-6)	
		Refusal at 6 feet		0.0		
10						
15						
20						
Completion Depth: 6'		Remarks:				
Date Started: 10/15/2019						
Date Completed: 10/15/2019						
Engineer/Geologist: MCW						
Driller: EnviroCore						

The stratification lines represent approximate strata boundaries.
Transition may be gradual.

Project Name: White Park



**BORING LOG
SS-6/SB-6/SB-8**

Project Number: 04-18-0285

Depth, feet	Symbol/USCS	Location:	PID (ppm)	Sample ID	Observations
		Well Elevation:			
		Humic top soil		SS-6 (0-2)	
		Brown SILT, slightly moist			
		Brown silty CLAY, moist	0.0	SB-6/SB-8 (2-4)	
5		Refusal at 4 feet			
10					
15					
20					

Completion Depth: 4'
 Date Started: 10/16/2019
 Date Completed: 10/16/2019
 Engineer/Geologist: MCW
 Driller: EnviroCore

Remarks:
 SB-8 is a field duplicate of SB-6

The stratification lines represent approximate strata boundaries.
 Transition may be gradual.