SITE CHARACTERIZATION REPORT
WILLIAM STREET PARK

SITE NUMBER 851055

Prepared for:

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

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LIST OF ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
ABG	ash, brick, and glass
bgs	below ground surface
DDD	Dichloro-diphenyl-dichloroethane
DDE	Dichloro-diphenyl-dichloroethylene
DDT	Dichloro-diphenyl-trichloroethane
DSCFPD	Dam Safety and Coastal & Flood Protection Department
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
FAP	Field Activities Plan
IDW	investigation-derived waste
µg/kg	microgram(s) per kilogram
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
MHWM	Mean High-Water Mark
NAD	North American Datum
NAVD	North American Vertical Datum
ND	Non-Detect
NYCRR	New York Codes Rules and Regulations
NYLD	New York Leak Detection
NYSDEC	New York State Department of Environmental Conservation
NYSEG	New York State Electric and Gas
ORP	oxidation-reduction potential
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
PID	photoionization detector
PSHEP	Project Safety, Health, and Environmental
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
SCO	soil cleanup objective
SGV	Standards and Guidance Values

Acronym/Abbreviation	Definition
SVOC	semi-volatile organic compound
TCA	1,1,1-trichloroethane
TCE	trichloroethylene
TCLP	toxicity characteristic leaching procedure
TOC	total organic carbon
TPH	oil and grease
USCS	Unified Soil Classification System
VOC	volatile organic compound

1.0 INTRODUCTION

This Site Characterization Report presents the results of site characterization efforts conducted at William Street Park (Site Number 851055) in Corning, New York, including efforts completed at both William Street Park and the adjacent Hillvue Park. Site characterization efforts were completed to address potential impacts to the park as a result of the presence of historically imported fill material consisting of ash, brick, and glass (ABG) which was suspected to be present at the property.

2.0 PROJECT BACKGROUND AND OBJECTIVES

William St Park is an approximately 28.4-acre site and is located in the central portion of the City of Corning. It is bounded by the Chemung River to the south, Denison Parkway and property owned by Corning Natural Gas Corp and New York State Electric and Gas (NYSEG) to the west, residential property and Hillvue Ave to the north, and Hillvue Park to the east (general site location shown on Figure 1). The site is zoned and used for community recreational purposes as a City park and includes a pavilion, two playground areas, recreational areas including a basketball court and a horseshoe pit, grass lawn areas, flood control berm, and several buildings. The property is maintained by the City of Corning Parks Department and the Public Works Department.

Two underground utilities exist within the park, including natural gas (Corning Natural Gas Corporation), which runs north of the flood control berm and parallel with Hillvue Avenue, and electric (NYSEG), which runs along the flood control berm. High-voltage transmission towers run along the NYSEG easement through the Park.

A records search was completed by Parsons in February 2020. As part of this effort, historical information was reviewed for William Street Park. The information obtained during this effort included a land disturbance evaluation using aerial photographs (included in Appendix A), and review of site ownership records search. It was determined from the information provided to make William Street Park a “P Site.”

City of Corning Parks Department personnel have reported that glass has been encountered at the ground surface and has to be removed each spring. One piece of glass cullet was identified on the ground surface by DEC. Analysis of 1938 through 1968 aerial photographs identified areas of extensive disturbance along the length of William Street Park. There are no known previous investigations at the site.

The purpose of this site characterization was to determine the physical extent of the suspected ABG waste at the property, whether contamination is present in surface and subsurface soils, and if groundwater quality is being impacted.

3.0 SITE CHARACTERIZATION SCOPE AND RESULTS

The scope of work for the 2020 site characterization consisted of the following activities:

1. Geophysical investigation to locate subsurface utilities
2. Test pit excavations
3. Surface and subsurface soil investigation
4. Sediment investigation
5. Collection of archive ABG samples
6. Topographic survey of sample locations

Field activities were conducted in accordance with the Site Characterization Workplan (Parsons 2020a). In addition, field activities were completed in accordance with the Generic Field Activities Plan (FAP) (Parsons 2020b), Generic Project Safety, Health, and Environmental Plan (PSHEP) (Parsons, 2020c), and Generic Quality Assurance Project Plan (QAPP) (Parsons, 2020d) prepared and approved for Parsons' contract with NYSDEC. Site-specific elements and specific job safety analyses for test pit excavations, soil sampling, and monitoring well installation were added to the Health and Safety Plan.

3.1 Analytical Services

Analytical services were directly contracted by NYSDEC for soil, sediment, and waste samples and were provided by Eurofins Laboratories of Buffalo, New York (Eurofins). Eurofins is accredited under the National Environmental Laboratory Approval Program and Department of Defense Environmental Laboratory Accreditation Program (ELAP) and is a New York State Department of Health ELAP-certified laboratory. Samples were analyzed in accordance with the workplan for the compounds listed in Table 1.

3.2 Geophysical Survey

A geophysical survey was performed at the site on October 27 - 28, 2020 by New York Leak Detection (NYLD) to locate subsurface utility lines before subsurface borings and test pit excavations were begun. A variety of techniques were used to identified subsurface utilities and utilities were marked-out on the ground. Multiple locations required adjustment from their original proposed locations due to the presence of subsurface utilities, overhead utilities and/or obstacles, which are further discussed in Section 3.3.

3.3 Soil Investigation

Field observations from surface soil, soil boring, and test pit sampling efforts are summarized in Table 1 and further described in the surface soil sampling logs (Appendix B), soil boring logs (Appendix C), and test pit logs (Appendix D). Soils encountered are characteristic of glacial deposits and consist primarily of variable amounts of dense gravel, sand, silt, and/or clay mixtures, typical of glacial till material. Fine sand, silt, and clay mixtures were noted at all locations with coarse-grained

material observed near the bottom of many of the borings. Drilling refusal was not encountered at William St. Park. Fill material ranged in thickness from (1.7 to 15 feet and was noted to be present in the majority of the borings and test pits above native soil.

Soil boring and test pit locations completed in the western area of the property and in the footprint of the recreational area of the park contained abundant colored ash, brick, glass material types, and ceramics suggestive of ABG. In the eastern half of the site (i.e., Hillvue Park and surrounding), soil borings WSP-SB-05 and WSP-SB-06 contained similar fill materials suggestive of ABG. Ash material varied in color and grain size, brick material consisted of standard red building brick and/or furnace brick, and glass material with variations in opacity, color, size, and type were encountered. A glass cullet piece was also observed on the surface directly south of the old basketball court. Other fill materials which were occasionally present within the ABG included coal, slag, and metal fragments. ABG material was observed at locations noted Table 1.

A disturbed area on the ground surface along the south side of Hillvue Ave between Dunbar St and Bissel Ave was observed on June 2, 2021. It appeared that utility work was performed on a gas main. Ash, slag, brick, and glass were visible on the ground surface in the disturbed area.

A Community Air Monitoring Plan (CAMP) was implemented for real-time monitoring of VOCs and particulates (i.e., dust) at the upwind and downwind perimeter of each designated work area during intrusive activities. There were no exceedances for VOCs or particulates.

3.3.1 Surface Soil

Sampling

Sixteen surface soil samples (denoted WSP-SS-01 through WSP-SS-16) were collected from William St Park on November 19 - 20, 2020 as shown on Figure 2. Surface soil sample locations were placed based in areas of potential disturbance, as seen in historical aerial photographs and areas of the park which are likely to be most occupied (e.g., playground areas). Multiple sample locations required adjustment in the field Per discussions with NYSDEC Dam Safety and Coastal & Flood Protection Department (DSCFPD), as indicated below:

Location(s)	Original Location	Location Adjustment Rationale
WSP-SS-04 WSP-SS-05 WSP-SS-12	Within the playground areas of the park.	Moved slightly outside of the playground extents due to the presence of mulch and/or gravel cover lining the surface of the playgrounds.
WSP-SS-09	On park property near intersection of Hillvue Ave. and Bissell Ave.	Flood control berm abuts with Hillvue Ave, location too close to berm. Relocated to the east where a flat buffer zone exists between the roadway and the berm.
WSP-SS-11	Toe of berm	Move ~ 15 to 20 feet north to be an acceptable distance from the berm

WSP-SS-03 WSP-SS-07 WSP-SS-08 WSP-SS-10 WSP-SS-15	Along the southern base of each power line transmission tower	Relocated to be either up-slope or side-slope of the transmission tower bases and closer to the top of the berm.
WSP-SS-13	Southern toe of berm along stone wall	Moved towards top of the berm

Soil samples were obtained from the top two inches using a stainless-steel shovel, trowel and mixing bowl, which were decontaminated between sampling locations using Alconox® mixed with deionized water, scrubbing with a brush, followed by a final deionized water rinse.

Retrieved samples were visually examined for physical characteristics and described using the Unified Soil Classification System (USCS). The samples were screened with a photoionization detector (PID) and any olfactory characteristics were noted. Headspace readings were recorded from soil sample retrieved. Lithology and field observations were recorded on a surface soil log which are included in Appendix B.

A discrete sample was collected from each location for volatile organic compounds (VOCs) via USEPA Method 8260C using TerraCore® samplers. For the remainder of the analysis, soil was homogenized in a stainless-steel bowl and placed into appropriate laboratory-provided containers and was submitted to the laboratory for analysis as shown in Table 1. Small pieces of glass were noted in samples WSP-SS-02, WSP-SS-06, WSP-SS-07, and WSP-SS-14.

Quality assurance/quality control (QA/QC) samples were collected during sampling for parameters listed in Table 1 at a rate of one set of QA/QC samples for every 20 regular samples collected.

Results

Soil sample results were compared against 6 NYCRR Part 375 soil cleanup objectives (SCOs) for unrestricted and commercial use, based on potential exposure to passive recreational users of the site. In addition, soil sample results for polyfluoroalkyl substances (PFAS) were compared against the unrestricted use and commercial use guidance values presented in NYSDEC PFAS Guidance (NYSDEC, 2021), Results for toxicity characteristic leaching procedure (TCLP) metals analyses were compared against the applicable Resource Conservation and Recovery Act (RCRA) regulatory limits. Soil results are presented in Table 2 and shown on Figure 3.

Small quantities of glass were noted in surface soil samples WSP-SS-02, WSP-SS-06, WSP-SS-07, and WSP-SS-14. The glass observed appear to be historical glass (i.e., broken bottles) and not associated with ABG material.

Metals were not detected above the commercial SCOs in the surface soil samples collected. Cadmium exceeded the unrestricted SCO of 2.5 milligrams per kilogram (mg/kg) at WSP-SS-02. Lead exceeded

the unrestricted SCO of 63 mg/kg at WSP-SS-02, WSP-SS-05, WSP-SS-06, WSP-SS-09, WSP-SS-13, and WSP-SS-16 with concentrations ranging from 80.38 to 139 mg/kg.

Mercury exceeded the unrestricted SCO of 0.18 mg/kg in WSP-SS-02 and WSP-SS-06. Zinc exceeded the unrestricted SCO of 109 mg/kg at samples WSP-SS-02, WSP-SS-05, WSP-SS-06, WSP-SS-07, WSP-SS-10, WSP-SS-13, and WSP-SS-16 with concentrations ranging from 121 mg/kg to 200 mg/kg. Other metals were detected in samples collected but concentrations were below the unrestricted SCOs. TCLP Metals such as arsenic, barium, cadmium, and lead were detected but concentrations were below the RCRA criteria.

Volatile organic compounds (VOCs) and Semi-volatile organic compounds (SVOCs) were not detected above the unrestricted SCOs in the samples collected. Herbicides were not detected (ND) in samples submitted for analysis.

The pesticide dichlorodiphenyltrichloroethane (DDT) was detected in WSP-SS-02 at a concentration of 15 micrograms per kilogram (ug/kg), which exceeds the unrestricted-use SCO of 3.3 ug/kg . Pesticides were detected in the other surface soil samples, but at concentrations below the unrestricted SCO values

Perfluorooctanesulfonic acid (PFOS), a PFAS constituent, was detected at a concentration exceeding the NYSDEC unrestricted guidance value of 0.88 ug/kg in samples WSP-SS-02, WSP-SS-05, WSP-SS-06, WSP-SS-10, and WSP-SS-14 with a maximum concentration of 4.9 ug/kg, Perfluorooctanoic acid (PFOA) was detected in 15 of the 16 samples submitted for analysis but at concentrations below the NYSDEC unrestricted guidance value. Other PFAS compounds were present however, there are no soil guidance values listed in the current NYSDEC PFAS Guidance.

A single exceedance of the polychlorinated biphenyl (PCB) Aroclor 1260 was detected at a concentration of 0.15 mg/kg in sample WSP-SS-16, which marginally exceeds the unrestricted SCO value of 0.1 mg/kg. PCBs were not detected in the remaining surface soil samples. TPH (oil and grease) concentrations ranged from 129 mg/kg to 506 mg/kg. No SCO value currently exists for TPH in 6 NYCRR Part 375.

3.3.2 Subsurface Soil

Sampling

Fourteen soil borings (denoted WSP-SB-01 through WSP-SB-10 and WSP-SB-13 through WSP-SB-16 as shown on Figure 2) were completed at William Street Park on November 3, 2020 through November 11, 2020.

The Site Characterization Work Plan prepared in October 2020 had proposed completion of 16 soil boring locations. On November 4, 2020, Parsons completed a walkthrough with a representative from NYSDEC DSCFPD to review proposed boring locations and determine if any soil boring and test pit locations required field adjustment to be situated an acceptable distance from the flood control berm. Two proposed boing locations were eliminated and several boring and test pit locations were adjusted in the field at the discretion of NYSDEC DSCFPD due to concerns with the proximity to the flood control berm. Other locations were adjusted in the field due to the presence of overhead hazards (e.g., tree

branches, overhead utility lines) or subsurface utilities. Adjustments to test pit locations are discussed in Section 3.3.4 while adjustment for the soil borings is summarized below.

Location(s)	Original Location	Location Adjustment Rationale
WSP-SB-02	Near toe of berm	Moved ~20 feet northeast of original location (as approved by NYSDEC DSCFPD) to be an acceptable distance from the flood control berm.
WSP-SB-03	Northeast of playground near property boundary	Location was moved approximately 20 feet to the south/southwest due to overhead tree branches.
WSP-SS-06	Near toe of berm	Location was moved ~15 – 20 feet northeast of original location (as approved by NYSDEC DSCFPD) to be an acceptable distance from the retaining wall that borders the flood control berm
WSP-SB-10	Park entrance at end of Hillvue Avenue	Location was moved several feet north of the original location due to the presence of subsurface utilities.
WSP-SB-11 WSP-SB-12 (Locations not completed)	Near toe of berm	Locations were moved to the northeast to be an acceptable distance from the flood control berm. Per further field recon by Parsons and their drilling subcontractor, could not complete at adjusted locations due to the proximity of overhead and/or subsurface utilities which run adjacent to Hillvue Avenue.
WSP-SB-13	Near toe of berm	Location was moved ~15 – 20 feet northeast of original location (as approved by NYSDEC DSCFPD) to be an acceptable distance from the flood control berm.

Soil borings were advanced using direct push techniques (i.e., MacroCore®). A split spoon was used in conjunction with the MacroCore© sampler at all locations to obtain additional sample volume needed for soil sample analysis in the top 4 feet. Soil borings were advanced to depths ranging between 4.0 feet to 25 feet below ground surface (bgs). Boring locations WSP-SB-01 through WSP-SB-06 were originally intended to be converted to groundwater monitoring wells however, as further discussed in Section 3.4.1, no groundwater was encountered and no monitoring wells were installed.

Soils were visually examined for physical characteristics and described using the USCS. The samples were screened with a PID and any olfactory characteristics were noted. Lithology and field observations were recorded on a soil boring log which are included in Appendix C. Abundant ABG material was noted

in the majority of borings, with the exception of borings WSP-SB-07, WSP-SB-13, WSP-SB-14, WSP-SB-15, and WSP-SB-16 as shown on Figures 4a and 4b.

A minimum of five soil samples were obtained from each soil boring location as shown in Table 1. A sample was collected from the 0-0.5 foot, and 0.5-1.0 foot, and 1.0-2.0 foot intervals at all locations while the remaining samples were collected based on field observations such as presence of suspect fill material, elevated PID readings, staining, odors, directly below observed impacts, and/or bottom of the boring. For PFAS analysis, soil was homogenized using stainless-steel spoons and bowls. All remaining analysis were homogenized into dedicated/disposable zip lock bags, with the exception of VOCs which were collected as a discrete grab sample using TerraCore® samplers. All sampling tools were decontaminated in-between sample intervals/locations using Alconox® mixed with laboratory-provided deionized water, scrubbed with a brush, followed by a final rinse with deionized water. The soil was then placed into appropriate laboratory-provided containers and submitted for analysis as shown in Table 1.

QA/QC samples were collected during sampling for parameters listed on Table 1 at a rate of 1 QA/QC sample per 20 regular samples collected. Upon receipt at the laboratory, all samples collected from WSP-SB-16 were misplaced therefore, unable to be analyzed.

Results

The results of detected compounds are summarized in Table 3, and exceedance are presented on Figure 4a and 4b. Soil sample results were compared against 6 NYCRR Part 375 SCOs for unrestricted and commercial use, based on potential exposure to passive recreational users of the site. In addition, soil sample results for PFAS were compared against the unrestricted use and commercial use guidance values presented in NYSDEC PFAS Guidance (NYSDEC, 2021), Results for TCLP metals analyses were compared against the applicable RCRA regulatory limits.

Suspect fill material consisting of ABG is present in the majority of soil borings, with the exception of WSP-SB-07, WSP-SB-13, WSP-SB-14, WSP-SB-15, and WSP-SB-16. Although small amounts of ash, coal, brick, and/or slag, and on occasion, glass were observed in the top several feet of borings WSP-SB-13, WSP-SB-14, WSP-SB-15, and WSP-SB-16, the quantities of such materials observed in these select borings were minimal, and glass fragments were sparse and small in size, and therefore, generally not suggestive of ABG compared to other soil borings with obvious ABG material

Arsenic, barium, lead, and mercury were detected in every sample collected. Arsenic was detected above the commercial SCO of 16 mg/kg in 22 samples with concentration exceedances ranging from 16.5 mg/kg to 139 mg/kg from locations WSP-SB-01, WSP-SB-02, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-08, WSP-SB-09, WSP-SB-10, and WSP-SB-15. Arsenic was detected above the unrestricted SCO of 13 mg/kg in seven samples collected from WSP-SB-01, WSP-SB-02, WSP-SB-04, WSP-SB-08, WSP-SB-09, WSP-SB-10, and WSP-SB-15.

Barium was detected above the commercial SCO of 400 mg/kg in 12 samples collected from WSP-SB-02, WSP-SB-03, WSP-SB-04, WSP-SB-08, and WSP-SB-10. Concentration exceedances ranged from 411 mg/kg to 700 mg/kg. Two samples exhibited barium concentrations above the unrestricted SCO of 350 mg/kg collected from WSP-SB-01 and WSP-SB-04. Cadmium was detected above the commercial SCO of 9.3 mg/kg in six samples collected from WSP-SB-03, WSP-SB-05, WSP-SB-09, and WSP-WB-10 with concentration exceedances ranging from 9.3 mg/kg to 197 mg/kg. Cadmium was

detected above the unrestricted SCO of 2.5 mg/kg in 13 samples collected from WSP-SB-03, WSP-SB-04, WSP-05, WSP-SB-08, WSP-SB-09, and WSP-SB-10.

Lead was detected above the commercial SCO of 1,000 mg/kg in 10 samples collected from WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-08, and WSP-SB-10 with exceeded concentrations ranging from 1,020 mg/kg to 8,870 mg/kg. 41 samples exhibited lead concentrations above the unrestricted SCO of 63 mg/kg. Mercury was detected above the commercial SCO of 2.8 mg/kg in sample WSP-SB-04 (8 to 10 feet) at a concentration of 4.9 mg/kg. In addition, 31 samples exhibited mercury concentrations above the unrestricted SCO of 0.18 mg/kg.

Other metals including copper, chromium, manganese, nickel, selenium, and zinc were detected in multiple samples above unrestricted SCOs. Copper was detected above the unrestricted SCO of 50 mg/kg in 23 samples collected with concentration exceedances ranging from 65 mg/kg to 232 mg/kg. Since there is no SCO for total chromium, the SCO for trivalent chromium (30 mg/kg) was used to screen sample results. Total chromium was detected in nine samples above the unrestricted SCO of 30 mg/kg with exceedances ranging from 30.5 mg/kg to 72.1 mg/kg in samples collected from WSP-SB-01, WSP-SB-04, WSP-SB-08, and WSP-SB-10.

Manganese was detected above the unrestricted SCO of 1,600 mg/kg in one sample collected from WSP-SB-04 at a concentration of 3,270 mg/kg. Nickel was detected above the unrestricted SCO of 30 mg/kg in nine samples collected with exceedance concentrations ranged from 30.1 mg/kg to 49.2 mg/kg. Selenium was detected above the unrestricted SCO of 3.9 mg/kg in five samples collected from WSP-SB-10 with exceedance concentrations ranging from 4.5 mg/kg to 5.3 mg/kg. Zinc was detected above the unrestricted SCO of 109 mg/kg in 48 samples collected with exceedances ranging from 112 mg/kg to 1,840 mg/kg.

TCLP cadmium was detected above the RCRA regulatory limit of 1 milligram(s) per liter (mg/L) in one sample collected from WSP-SB-09 at a concentration of 5 mg/L. TCLP lead was detected above RCRA criteria of 5 mg/L in five samples collected from locations WSP-SB-05, WSP-SB-09, and WSP-SB-10 with concentrations ranging from 5.7 mg/L to 131 mg/L.

Five SVOC compounds were detected above commercial SCOs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno (1,2,3-c,d)pyrene. Six SVOCs were detected above their unrestricted SCOs. Benzo(a)anthracene was detected above the commercial SCO of 5,600 ug/kg in one sample collected from WSP-SB-09 at a concentration of 12,000 ug/kg. Eight samples collected from borings WSP-SB-01, WSP-SB-03, WSP-SB-04, WSP-SB-05, and WSP-SB-10 exhibited benzo(a)anthracene concentrations above the unrestricted SCO of 1,000 ug/kg,

Benzo(a)pyrene was detected in ten samples from borings WSP-SB-01, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-09, and WSP-SB-10 above the commercial SCO of 1,000 ug/kg with exceedance concentrations ranging from 1,100 ug/kg to 12,000 ug/kg. Benzo(b)fluoranthene was detected in one sample from boring WSP-SB-09 above the commercial SCO of 5,600 ug/kg at a concentration of 14,000 ug/kg. Thirteen samples collected from borings WSP-SB-01, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-06, and WSP-SB-10 exhibited benzo(b)fluoranthene concentrations above the unrestricted SCO of 1,000 ug/kg,

Dibenz(a,h)anthracene was detected in one sample from boring WSP-SB-05 and one sample from boring WSP-SB-09 above the commercial SCO of 560 ug/kg with a maximum concentration of

2,300 ug/kg. Three samples collected from borings WSP-SB-04 and WSP-SB-10 exhibited dibenz(a,h)anthracene concentrations above the unrestricted SCO of 330 ug/kg, Indeno(1,2,3-c,d)pyrene was detected in one sample from boring WSP-SB-05 above the commercial SCO of 5,600 ug/kg at a concentration of 6,200 ug/kg. Fourteen samples collected from borings WSP-SB-01, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-06, WSP-SB-10, and WSP-SB-14 exhibited indeno(1,2,3-c,d)pyrene concentrations above the unrestricted SCO of 330 ug/kg,

Benzo(k)fluoranthene was detected above the unrestricted SCO of 800 ug/kg in six samples from borings WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-09, and WSP-SB-10 with exceedance concentrations ranging from 970 ug/kg to 5,500 ug/kg. Chrysene was detected above the unrestricted SCO of 1,000 ug/kg in 11 samples from borings WSP-SB-01, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-09, and WSP-SB-10 with exceedance concentrations ranging from 1,000 ug/kg to 12,000 ug/kg. Several other SVOCs were detected in the sample but results were below unrestricted SCOs.

Low-levels of two VOC compounds (acetone and methyl chloride) were noted at two of the soil boring locations. Detections of these compounds were below their respective unrestricted SCOs of 50 ug/kg.

The pesticide DDT was detected above the unrestricted-use SCO of 3.3 ug/kg in eight samples from borings WSP-SB-01, WSP-SB-02, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-08, WSP-SB-14, and WSP-SB-15 with exceedance concentrations ranging from 8 ug/kg to 20 ug/kg. Three other pesticides exceeded the unrestricted SCO values in the same sample from boring WSP-SB-15, including dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethylene (DDE), and dieldrin in WSP-SS-02 at a concentration of 15 micrograms per kilogram (ug/kg), which exceeds the unrestricted-use SCO of 3.3 ug/kg.

PFOS was detected at a concentration of 1.2 ug/kg in a sample obtained from WSP-SB-10, which exceeds the NYSDEC unrestricted guidance value of 0.88 ug/kg. PFOS and PFOA were detected in other samples, but at concentrations below the NYSDEC unrestricted guidance value. Other PFAS constituents were present in many of the samples, however, there are no soil guidance values for these constituents in the current NYSDEC PFAS Guidance.

The herbicide dinoseb was detected at a concentration of 13 ug/kg in a sample obtained from WSP-SB-03. TPH concentrations ranged from 58.7 mg/kg to 4,4400 mg/kg. There are currently no SCO values for dinoseb or TPH. PCBs were not detected in soil boring samples collected.

3.3.3 Test Pit Soil

Sampling

Four test pits (denoted WSP-TP-01 through WSP-TP-04A) were excavated at William St Park on October 27, 2020 through October 28, 2020 as shown on Figure 2. Test pits were completed at locations following discussions with NYSDEC, and primarily in areas where potential disturbance was noted in historical aerial photographs. Test pit WSP-TP-03 was relocated approximately 30 feet to the west of its originally proposed location due to the presence of subsurface utilities. Similarly, test pit WSP-TP-04 was relocated due to utility conflicts as well as offsetting from the flood control berm.

A mini-excavator was used to advance test pits to depths ranging from 4.5 feet to 6 feet bgs. Excavated test pit soils were temporarily staged on plastic poly sheeting adjacent to each test pit. Test pits soils were visually classified for soil type, grain size, texture, and moisture content using the USCS. Visible evidence of ABG were also described if they were observed, and samples were screened for the presence of VOCs using a PID. Observations were recorded on a field test pit log which are included in Appendix D. Upon completion of the test pit excavations, soils were backfilled in the order in which they were removed.

ABG material was observed in locations WSP-TP-01 (3.5 feet to 5 feet, WSP-TP-02 (0.7 feet to 4.5 feet), and WSP-TP-03 (0.5 feet to 4.5 feet) and corresponding archive glass samples were collected. ABG material was not observed at location WSP-TP-04, however, between 1 – 2 feet bgs, small amounts of brick were noted within the soil.

Two soil samples were obtained from each test pit location. In WSP-TP-01 and WSP-TP-03, the shallow soil sample was collected from the topsoil observed above the ABG material. In WSP-TP-02 and WSP-TP-04, the upper soil sample was collected at 1 – 1.5 feet from within ABG or other fill material noted. The deep soil sample at each test pit was collected at or near the bottom of the test pit. VOCs were collected using a discrete TerraCore® sampler and placed into the appropriate sample containers. The remainder of the analysis were homogenized using a stainless-steel bowl and spoon which was decontaminated in-between sample intervals or using a zip lock bag using the same methods listed above in Section 3.3.2. Once homogenized, each sample was placed into appropriate laboratory-provided containers and was submitted for analysis as shown in Table 1.

QA/QC samples were collected during test pit soil sampling for parameters listed in Table 1 at a rate of 1 QA/QC sample set per 20 regular samples.

Results

The results of detected compounds are summarized in Table 4, and exceedances are presented on Figure 5. Soil sample results were compared against 6 NYCRR Part 375 SCOs for unrestricted and commercial use, based on potential exposure to passive recreational users of the site. In addition, soil sample results for PFAS were compared against the unrestricted use and commercial use guidance values presented in NYSDEC PFAS Guidance (NYSDEC, 2021), Results for TCLP metals analyses were compared against the applicable RCRA regulatory limits.

Metals were detected in several samples submitted for analysis including arsenic, barium, cadmium, copper, lead, mercury, nickel, and total chromium. Of these metals, arsenic, barium, cadmium, and lead were the only metals that exceeded their respective commercial SCOs. Arsenic was detected above the commercial SCO of 16 mg/kg in two samples collected from WSP-TP-02 and WSP-TP-03 at concentrations of 32.6 mg/kg and 26.4 mg/kg, respectively. Arsenic was detected above the unrestricted SCO of 13 mg/kg in two samples with concentration exceedances ranging from 14.4 mg/kg to 15.8 mg/kg.

Barium was detected above the commercial SCO of 400 mg/kg in two samples collected from WSP-TP-02 and WSP-TP-03 at concentrations of 759 mg/kg and 435 mg/kg, respectively. Cadmium was detected above unrestricted SCO of 9.3 mg/kg in one sample collected from WSP-TP-03 at a concentration of 9.9 mg/kg. Lead was detected above the commercial SCO of 1,000 mg/kg in one sample collected from WSP-TP-02 at a concentration of 1,250 mg/kg. Lead was detected above the

unrestricted SCO of 63 mg/kg in six samples with concentrations ranging from 74.7 mg/kg to 960 mg/kg.

Since there is no SCO for total chromium, the SCO of 30 mg/kg for trivalent chromium was used to screen samples. Total chromium was detected above its unrestricted SCO of 30 mg/kg in two samples collected from WSP-TP-02 and WSP-TP-03. Exceeded concentrations ranged from 42.5 mg/kg to 86.2 mg/kg. Copper was detected above the unrestricted SCO of 50 mg/kg in five samples with concentrations ranging from 138 mg/kg to 213 mg/kg. Mercury above the unrestricted SCO of 0.18 mg/kg in five samples collected with concentrations ranging from 0.27 mg/kg to 0.8 mg/kg. Nickel was detected above the unrestricted SCO of 30 mg/kg in two samples with concentrations ranging from 43.9 mg/kg to 70.6 mg/kg. Silver was detected above the unrestricted SCO of 2 mg/kg in one sample at a concentration of 3.1 mg/kg. Zinc was detected above the unrestricted SCO of 109 mg/kg in six samples with concentrations ranging from 129 mg/kg to 1,460 mg/kg.

TCLP lead was detected above the RCRA regulatory limit of 5.0 mg/L in one sample collected from WSP-TP-02 at a concentration of 9.8 mg/L. TCLP arsenic, barium, and cadmium were detected in many of the test pit soil samples, but at concentrations below their applicable RCRA regulatory limits.

SVOCs exceedances were present above the commercial and unrestricted SCOs in one sample collected from WSP-TP-03. Benzo(a)pyrene was detected at a concentration of 1,600 ug/kg, which exceeds the commercial SCO value of 1,000 ug/kg. Other SVOCs were detected in this sample above the unrestricted SCOs including benzo(z)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-c,d)pyrene. SVOCs were detected on in other samples but concentrations were below unrestricted SCOs.

The pesticide DDT was detected above the unrestricted SCO of 3.3 ug/kg in four samples with concentrations ranging from 7.4 ug/kg to 19 ug/kg. Other pesticides were detected, but at concentrations below the unrestricted SCOs.

PFOS and PFOA was detected select test pit samples, but at concentrations below the NYSDEC unrestricted guidance values. Other PFAS constituents were also present in many of the samples, however, soil guidance values for these constituents are not listed in the current NYSDEC PFAS Guidance.

The VOC compound chloroform was detected at location WSP-TP-01, but at concentrations below the unrestricted and commercial SCOs. TPH concentrations ranged from non-detect to 1,600 mg/kg. SCO values do not currently exist for TPH in 6 NYCRR Part 375. Herbicides and PCBs were not detected in the test pit soil samples collected.

3.3.4 Archive Sampling

Waste glass was encountered at William St Park at numerous sample locations. Representative waste glass samples were collected and archived from locations WSP-SB-01, WSP-SB-02, WSP-SB-03, WSP-SB-04, WSP-SB-05, WSP-SB-08, WSP-SB-09, WSP-SB-10, WSP-TP-02, and STP-TP-03. In addition, a piece of glass cullet was found on the ground surface in the grass area directly south of the old basketball court and was archived. This location did not correspond with any existing surface soil or soil boring sampling locations.

In general, archive samples collected from fill material in William Street Park consisted of ABG, glass tubing, thermometer glass, uranium glass, cullet, and furnace scrap. [redacted]

[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]

Archive sample logs are provided in Appendix E.

3.4 Groundwater Investigation

As discussed in Section 3.3.2, no monitoring wells were installed at the planned locations of WSP-SB-01 through WSP-SB-06. Although groundwater was noted at some of the locations at depths between 10 to 20 feet bgs, variable amounts of silt and clay mixtures potentially indicative of the presence of a discontinuous, thin, semi-confining unit were noted to be present in several of the borings at depth, and therefore, it was determined not to proceed with further installation of monitoring wells.

3.5 Sediment Investigation

3.5.1 Mean High Water Mark (MHWM) Determination and Survey

A survey was performed to confirm the mean high-water mark (MHWM) at the site on November 11, 2020. Along with identifying the estimated MHWM based on the hydrologic data available for the site, observations of physical characteristics of the shoreline were recorded and an evaluation of vegetative cover was used to distinguish conditions most representative of Site soil present in terrestrial habitat, versus sediment present in aquatic habitat.

As part of the Susquehanna River watershed, the flow in the Chemung River is monitored at the Corning USGS gaging station number 01529950, which is situated approximately 0.1 mile downstream of the Site. Hydrologic data and additional relevant information from this gaging station was used to establish an initial estimation of the MHWM elevation at 916 ft amsl. Additionally, an on-site field survey was performed as a second step to confirm/refine the estimated demarcation between terrestrial and aquatic habitat (consistent with 6 NYCRR 608.1(r)), and to assess the applicability of the sediment screening guidance in areas that are only occasionally submerged or

periodically inundated. The survey included identification of physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, the presence of litter and debris, and destruction of terrestrial vegetation or a change in plant species from aquatic to terrestrial species to identify the boundary between sediment and soil.

The survey report is included in Appendix F.

3.5.2 Sediment Sampling

Based on calculations and justifications which were included in the Mean High-Water Mark Survey (MHWM) Report submitted to NYSDEC in November 2020, it was determined that 13 sediment samples would be collected in the area of the site that falls below the MHWM.

The 13 sediment sampling locations (denoted WSP-SED-01 through WSP-SED-13) were collected from William St Park on November 16, 2020 through November 19, 2020 and are shown on Figure 2. These locations were discussed with NYSDEC prior to collection.

Sediment sampling locations were advanced by hand using a direct-push slide affixed with a two-inch MacroCore® to a depth of up to two feet. A 3.25-inch hand auger was used in conjunction with the MacroCore© sampler at each location to obtain additional sample volume needed for sediment sample analysis. Refusal was encountered at depths less than two feet at WSP-SED-03, WSP-SED-07, WSP-SED-08, and WSP-SED-09 .Multiple attempts and step-outs at these locations were completed in an effort to advance to the target depth of two feet. These locations are situated along a rip-rap lined area of the bank. Due to poor recovery at WSP-SED-08 despite multiple attempts, this location was moved approximately 1,000 feet to the southeast and outside of the rip-rap area.

Retrieved cores were visually examined for physical characteristics and described using the USCS. The samples were screened with a photoionization detector (PID) and any olfactory characteristics were noted. Headspace readings were recorded from soil sample retrieved. Lithology and field observations were recorded on a sediment coring log which are included in Appendix G. Evidence of fill material in the form of one to two small pieces of glass, brick, slag, or metal fragment were noted at WSP-SED-01, WSP-SED-02, WSP-SED-08, WSP-SED-10, WSP-SED-12, and WSP-SED-13, However, the corresponding presence of more than one type of material present, which would be indicative of ABG material, was not noted in the sediment samples.

At least two sediment samples were obtained from each sediment core, as shown in Table 1. At each location a sample was collected from the 0-0.5 foot, and 0.5-1.0 foot intervals. A sample from the 1.0-2.0 foot interval was collected from all locations, with the exception of WSP-SED-06 (refusal at 1.0 feet) and WSP-SED-09 (refusal at 1.2 feet, which did not provide sufficient volume for analyzing). For PFAS analysis, sediment was homogenized using stainless-steel spoons and bowls. All remaining analysis were homogenized into dedicated/disposable zip lock bags, with the exception of VOCs which were collected as a discrete grab sample using TerraCore® samplers. All sampling tools were decontaminated in-between sample intervals/locations using Alconox® mixed with laboratory-provided deionized water, scrubbed with a brush, followed by a final rinse with deionized water. The sediment was then placed into appropriate laboratory-provided containers and submitted for analysis as shown in Table 1.

Quality assurance/quality control (QA/QC) samples were collected during sampling for parameters listed in Table 1 at a rate of one set of QA/QC samples for every 20 regular samples collected.

3.5.3 Sediment Sampling Results

The results of detected compounds are summarized in Table 5 and shown on Figure 6. Sediment sample results were compared against both Class A and Class C NYS Sediment Criteria contained in the Screening and Assessment of Contaminated Sediment document, written by NYSDEC Fish, Wildlife and Marine Resources Bureau of Habitat, June 24, 2014. (NYSDEC, 2014).

Of the samples collected, only two metals, Arsenic and Nickel, were detected above their Class 2 sediment standards and guidance values (SGVs) of 10 mg/kg and 23 mg/kg, respectively. Arsenic was detected in one sample with an exceedance of 14.1 mg/kg. Nickel exceedances were detected in 13 samples with concentrations ranging from 23.1 mg/kg to 29.2 mg/kg. Total PAHs were detected above its Class A sediment SGV of 4,000 ug/kg in one sample at a concentration of 9,868 ug/kg.

Concentrations of metals and SVOCs were noted in many samples but results were below the the Class A and Class C sediment SGVs. VOCs, including 1,1,1-trichloroethane (TCA), methyl acetate, toluene, and TCE (trichloroethylene), and pesticides were present in several samples at concentrations below their respective sediment SGVs. PFAS constituents were present in several samples but there are currently no sediment SGVs for PFAS compounds.

TPH concentrations ranged from 321 mg/kg to 699 mg/kg, and total organic carbon (TOC) concentrations ranged from 6,070 mg/kg to 229,000 mg/kg. Sediment SGV values do not currently exist for TPH and TOC in 6 NYCRR Part 375. Herbicides and PCBs were not detected in the sediment samples collected.

3.6 Site Survey

After the completion of site characterization field activities, a New York State-licensed land surveyor completed a site topographical survey. The site survey included collecting as-built coordinates and elevations for soil borings, surface soil samples, sediment samples, and test pits. Horizontal survey data are based on the North American Datum (NAD) 83 New York State Plane West coordinate system (in feet). Elevations are based on the North American Vertical Datum (NAVD) 88. Site survey information from the 2020 field activities is included in Appendix H.

3.7 Investigation-Derived Waste Management

Investigation-derived waste (IDW), including excess soils or sediment, decontamination rinsates, personal protective equipment, and disposable sampling equipment were placed in DOT-approved 55-gallon 17-H type drums. The IDW was evaluated as nonhazardous based on characterization sample results and will be disposed of in accordance with applicable NYSDEC regulations.

3.8 Data Validation and Reporting

Data validation was performed in accordance with USEPA Region 2 standard operating procedures for organic and inorganic data review (USEPA 1999 and 2010) and Parsons' NYSDEC Program Generic QAPP (Parsons 2020d). These validation guidelines are regional modifications to the National Functional Guidelines for organic and inorganic data review. The quality of the data has been assessed and is documented in the Data Usability Summary Report (DUSR) (Appendix I). Validated data have been submitted for loading into the NYSDEC database.

4.0 CONCLUSIONS

Based on the results of the Site Characterization activities documented in this report, conclusions for the investigation efforts at William St Park are as follows:

- SVOCs soils exceedances corresponded with the presence of ABG or other fill material observed during drilling efforts. Benzo(a)pyrene is the only SVOC detected above the commercial SCO and appear to be concentrated within the top 4 feet in the northwest portion of the park and at the eastern end of the park near the corner of Wallace Street and Hillvue Avenue. Two exceedances were detected within the 8 to 11 foot intervals. SVOCs detections above the unrestricted SCOs for compounds such as benzo(a)anthracene, benzo(b) fluoranthene, benzo(k) fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene were generally within the top 4 feet with some detections in the 5 to 7 foot and 8 to 12 foot intervals.
- Arsenic, barium, cadmium, lead, and mercury were detected at concentrations above their respective commercial SCOs in soils with higher concentrations generally correlating with the presence of ABG material found within the top 6 feet and in some areas, within the 10 to 14 feet. Mercury was detected above the commercial SCO in one sample collected from the 8 to 10 foot interval where fill material was present. Metals detections above the unrestricted SCOs were present in multiple samples collected throughout the site.
- TCLP Cadmium and TCLP Lead concentrations above the RCRA guidance values were detected in soil samples collected within 10 to 14 feet bgs from WSP-SB-05 (located within the park closest to the intersection of Wallace Street and Hillvue Avenue) and WSP-SB-09 and WSP-SB-10 located within the park near the corner of Hillvue Avenue and Dunbar Street. Coincidentally, these locations/depths also contained SVOC exceedances of both unrestricted and commercial SCOs.
- PFOS exceedances above the unrestricted guidance values were present in the top 2-inches of soil primarily in the northwest and eastern portion of the park and in one sample collected from the 8-12 foot interval.
- PCBs were not detected above unrestricted and commercial SCOs in any subsurface or test pit soil samples collected. The PCB Aroclor 1260 was detected slightly above the unrestricted SCO of 1.1 mg/kg in the surface soil sample collected from WSP-SS-16.
- The herbicide Dinoseb detected in one soil sample collected but there is no unrestricted or commercial SCO for that compound.
- Chloroform, acetone, methyl chloride, and TCE were the only VOCs detected in soil samples collected. All concentrations were below unrestricted and commercial SCOs for their respective compound.
- Two metals, Arsenic and Nickel, and Total PAHs were the only compounds that exceeded their respective Class A SGV in sediment samples collected. All other compounds were either not detected or below both Class A and Class C SGVs.
- Additional investigation is recommended to assess whether groundwater at the William Street Park site is being impacted by observed fill material.
- Given the impacted material (ash, brick, and glass) observed in the park, additional investigation is necessary to accurately characterize the nature and extent of the impacts.

5.0 REFERENCES

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NYSDEC, 2010. *DER-10 / Technical Guidance for Site Investigation and Remediation*. May 3.

NYSDEC, 2021. *Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS)*. January 2, 2021.

Parsons, 2020a. *Site Characterization Work Plan for William Street Park – Corning, Steuben County, NY.* October 2020.

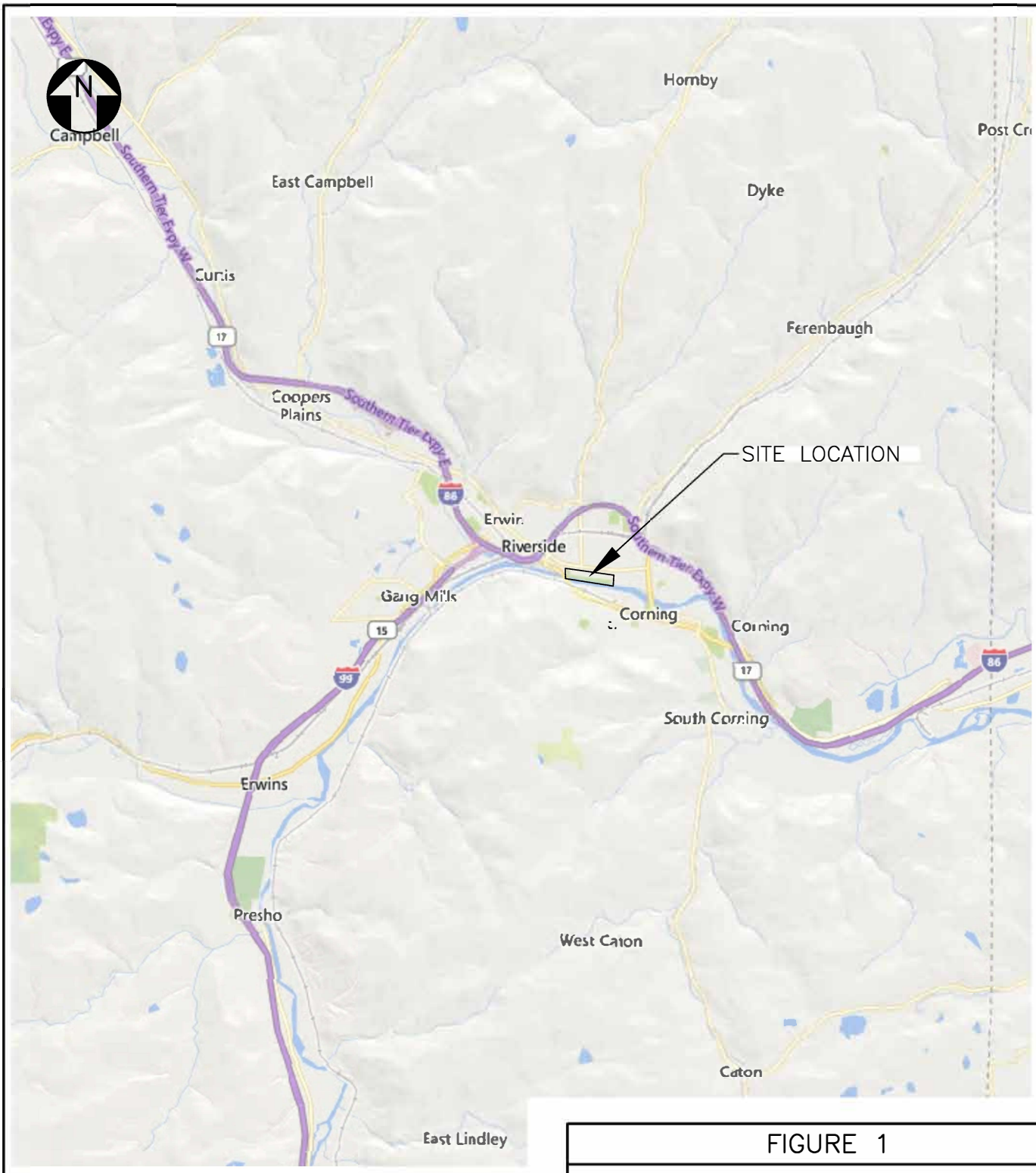
Parsons, 2020b. *Generic Field Activities Plan (FAP).* Prepared for the New York State Department of Environmental Conservation, Albany, NY. April 2020.

Parsons, 2020c. Generic Project Safety, Health, and Environmental Plan (PSHEP). Prepared for the New York State Department of Environmental Conservation, Albany, NY. April 2020.

Parsons, 2020d. *Generic Quality Assurance Project Plan (QAPP).* Prepared for the New York State Department of Environmental Conservation, Albany, NY. August 2020.

Parsons, 2020f. The Mean High-Water Mark Survey Report, William Street Park Characterization. Prepared for the New York State Department of Environmental Conservation, Albany, NY. November 2020.

FIGURES





10,000 5,000 0 10,000

SCALE: 1"=10,000'

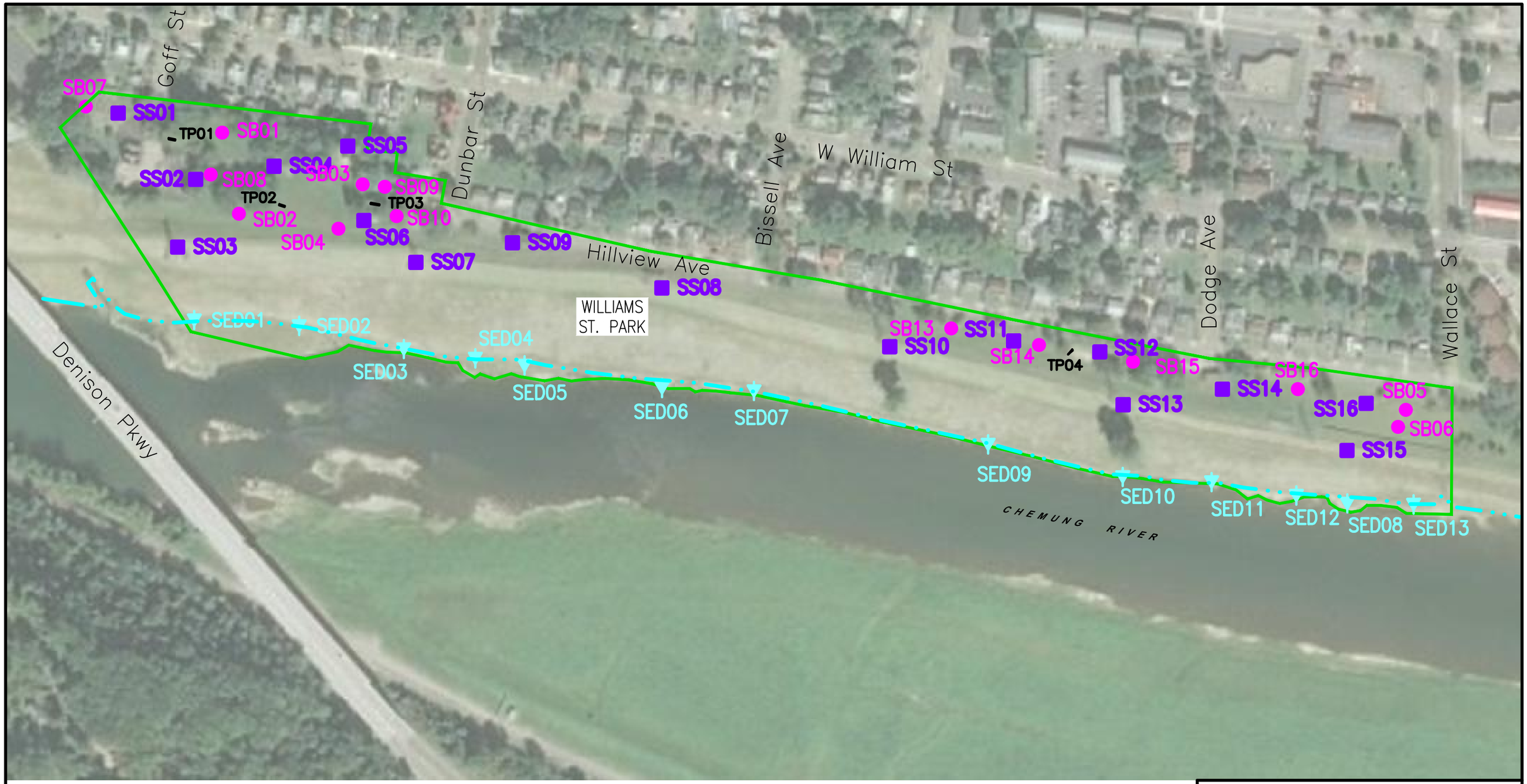
FIGURE 1

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

WILLIAMS STREET PARK SITE CHARACTERIZATION

SITE LOCATION MAP

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560



LEGEND

- WILLIAMS STREET PARK BOUNDARY
- TEST PIT LOCATION
- SOIL BORING LOCATIONS
- SURFACE SOIL SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION

200 100 0 200 400

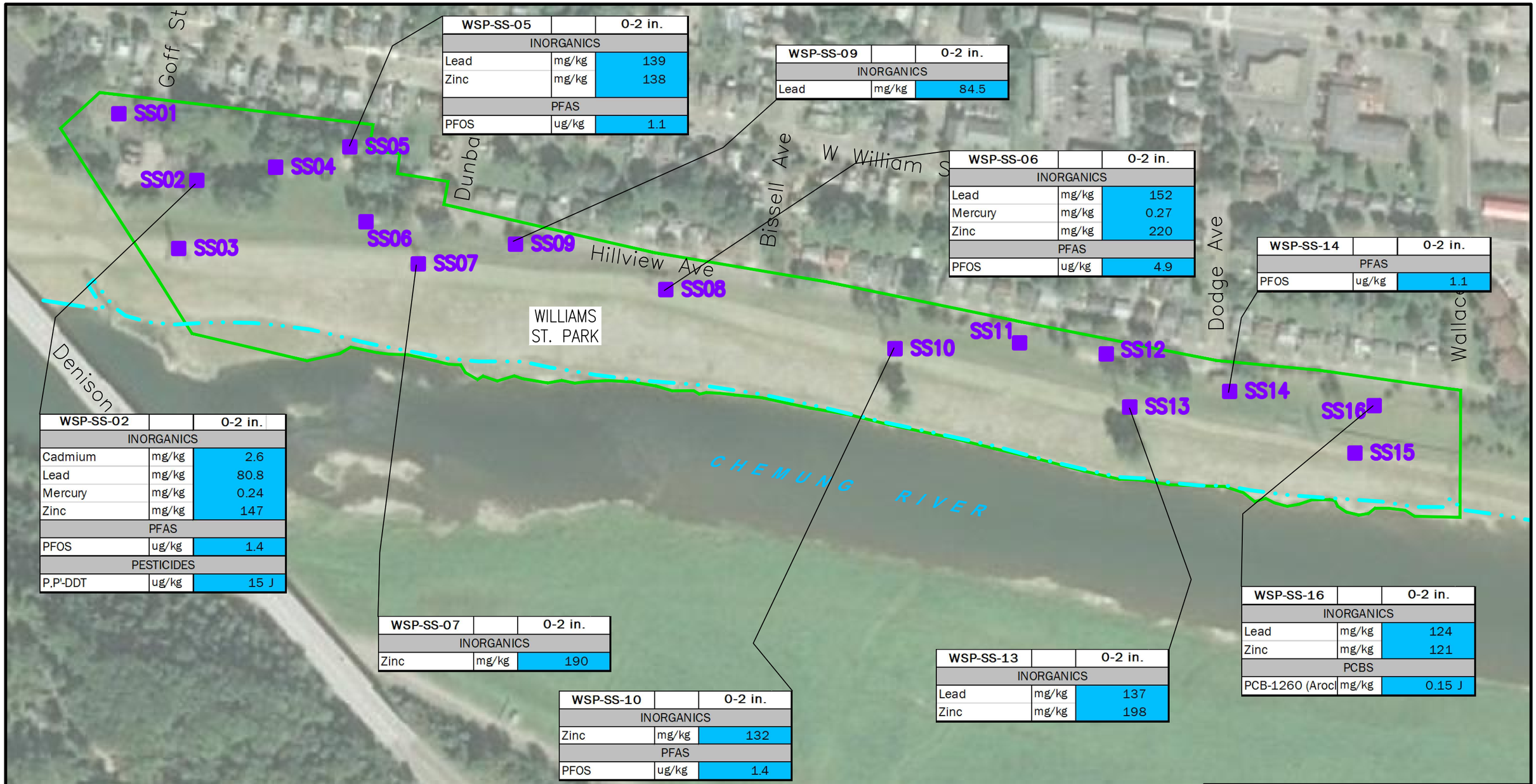
SCALE: 1"=200'

FIGURE 2

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

WILLIAMS ST. PARK
SITE PLAN

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560



WSP-SS-05		0-2 in.
INORGANICS		
Lead	mg/kg	139
Zinc	mg/kg	138
PFAS		
PFOS	ug/kg	1.1

WSP-SS-09		0-2 in.
INORGANICS		
Lead	mg/kg	84.5

WSP-SS-06		0-2 in.
INORGANICS		
Lead	mg/kg	152
Mercury	mg/kg	0.27
Zinc	mg/kg	220
PFAS		
PFOS	ug/kg	4.9

WSP-SS-14		0-2 in.
PFAS		
PFOS	ug/kg	1.1

WSP-SS-02		0-2 in.
INORGANICS		
Cadmium	mg/kg	2.6
Lead	mg/kg	80.8
Mercury	mg/kg	0.24
Zinc	mg/kg	147
PFAS		
PFOS	ug/kg	1.4
PESTICIDES		
P,P'-DDT	ug/kg	15 J

WSP-SS-07		0-2 in.
INORGANICS		
Zinc	mg/kg	190

WSP-SS-10		0-2 in.
INORGANICS		
Zinc	mg/kg	132
PFAS		
PFOS	ug/kg	1.4

WSP-SS-13		0-2 in.
INORGANICS		
Lead	mg/kg	137
Zinc	mg/kg	198

WSP-SS-16		0-2 in.
INORGANICS		
Lead	mg/kg	124
Zinc	mg/kg	121
PCBS		
PCB-1260 (Arocl	mg/kg	0.15 J

Notes:

PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

J = estimated at the value given

- Value exceeds the NYCRR Unrestricted Use Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006.

- Value exceeds the NYCRR Commercial Use Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006.

PFAS = per and polyfluroalkyl substances

PFOA = perfluorooctanoic acid

PFOS = perfluorooctanesulfonic acid

LEGEND

WILLIAMS STREET PARK BOUNDARY

SURFACE SOIL SAMPLES

MHWM (FIELD DELINEATED MEAN HIGH WATER MARK TAKEN 11/4/20)

200 100 0 200 400

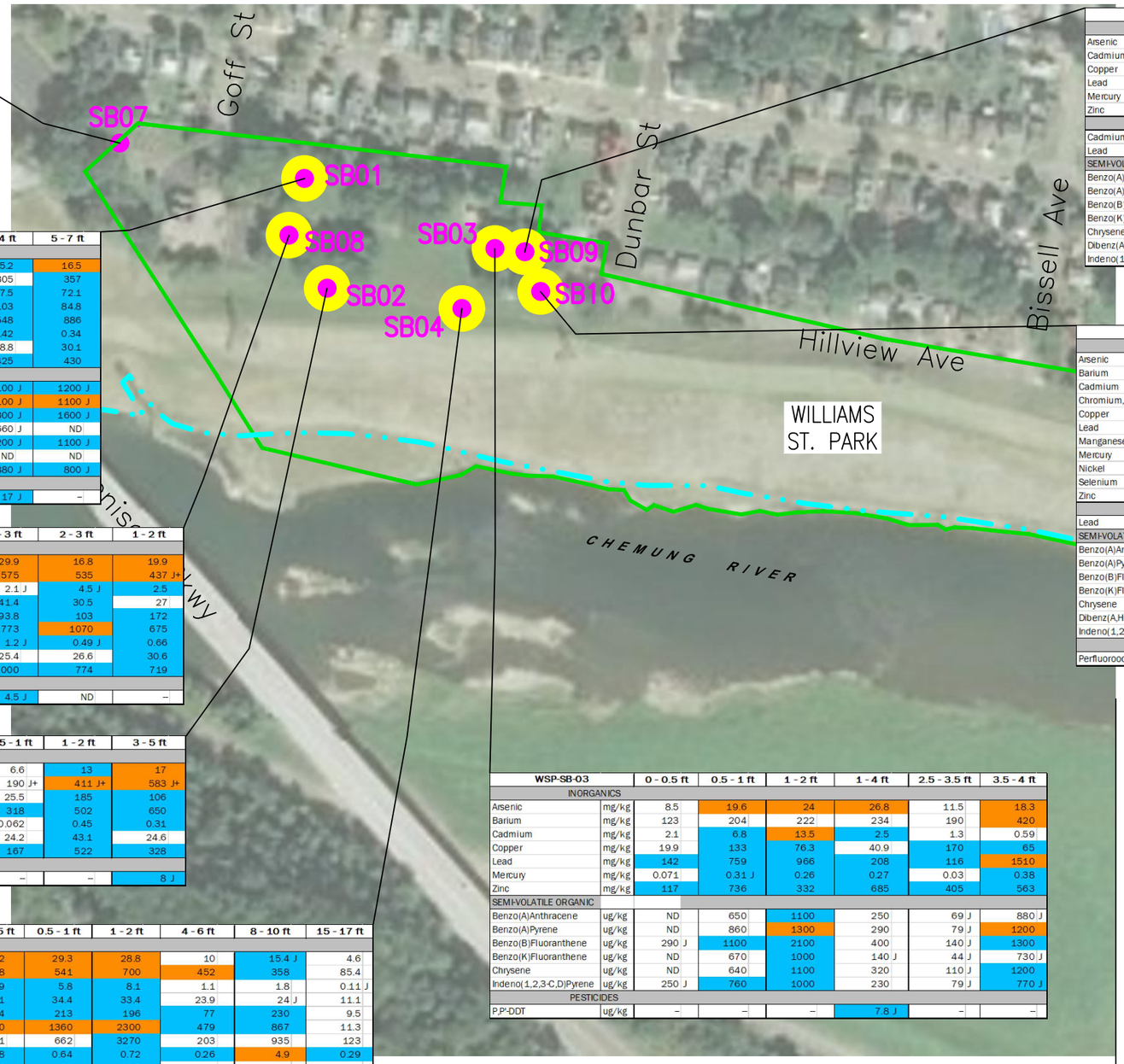
SCALE: 1"=200'

FIGURE 3

NEW YORK STATE OF OPPORTUNITY Department of Environmental Conservation

WILLIAMS ST. PARK SURFACE SOIL SAMPLE LOCATIONS AND RESULTS

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560



WSP-SB-07		8 - 11 ft
INORGANICS		
Zinc	mg/kg	135 J

WSP-SB-01		1 - 2 ft	2 - 4 ft	5 - 7 ft
INORGANICS				
Arsenic	mg/kg	10.1	15.2	16.5
Barium	mg/kg	154	305	357
Chromium, Total	mg/kg	17.3	57.5	72.1
Copper	mg/kg	35.2	103	84.8
Lead	mg/kg	80.9	548	886
Mercury	mg/kg	0.069	0.42	0.34
Nickel	mg/kg	28	28.8	30.1
Zinc	mg/kg	136	425	430
SEMI-VOLATILE ORGANIC COMPOUNDS				
Benzo(A)Anthracene	ug/kg	75 J	1100 J	1200 J
Benzo(A)Pyrene	ug/kg	98 J	1100 J	1100 J
Benzo(B)Fluoranthene	ug/kg	110 J	1300 J	1600 J
Benzo(K)Fluoranthene	ug/kg	45 J	660 J	ND
Chrysene	ug/kg	72 J	1200 J	1100 J
Dibenz(A,H)Anthracene	ug/kg	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	46 J	880 J	800 J
PESTICIDES				
P,P'-DDT	ug/kg	–	17 J	–

WSP-SB-08/08A		0 - 0.5 ft	0.5 - 1 ft	2 - 3 ft	2 - 3 ft	1 - 2 ft
INORGANICS						
Arsenic	mg/kg	11.7	14.8	29.9	16.8	19.9
Barium	mg/kg	284	303	575	535	437 J+
Cadmium	mg/kg	1	1.6	2.1 J	4.5 J	2.5
Chromium, Total	mg/kg	24.3	29.6	41.4	30.5	27
Copper	mg/kg	40.7	86.8	93.8	103	172
Lead	mg/kg	623	551	773	1070	675
Mercury	mg/kg	0.16	0.48	1.2 J	0.49 J	0.66
Nickel	mg/kg	26	27.7	25.4	26.6	30.6
Zinc	mg/kg	252	440	1000	774	719
PESTICIDES						
P,P'-DDT	ug/kg	–	–	4.5 J	ND	–

WSP-SB-02		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	3 - 5 ft
INORGANICS					
Arsenic	mg/kg	7.5	6.6	13	17
Barium	mg/kg	156 J+	190 J+	411 J+	583 J+
Copper	mg/kg	17.3	25.5	185	106
Lead	mg/kg	99.4	318	502	650
Mercury	mg/kg	0.1	0.062	0.45	0.31
Nickel	mg/kg	22.4	24.2	43.1	24.6
Zinc	mg/kg	128	167	522	328
PESTICIDES					
P,P'-DDT	ug/kg	–	–	–	8 J

WSP-SB-04		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	4 - 6 ft	8 - 10 ft	15 - 17 ft
INORGANICS							
Arsenic	mg/kg	25.2	29.3	28.8	10	15.4 J	4.6
Barium	mg/kg	478	541	700	452	358	85.4
Cadmium	mg/kg	5.9	5.8	8.1	1.1	1.8	0.11 J
Chromium, Total	mg/kg	32.1	34.4	33.4	23.9	24 J	11.1
Copper	mg/kg	184	213	196	77	230	9.5
Lead	mg/kg	1560	1360	2300	479	867	11.3
Manganese	mg/kg	701	662	3270	203	935	123
Mercury	mg/kg	0.48	0.64	0.72	0.26	4.9	0.29
Nickel	mg/kg	38.6	36	39.8	20.4	28.4 J	16.4
Zinc	mg/kg	1250	1250	1840	378	1300	50.8
SEMI-VOLATILE ORGANIC COMPOUNDS							
Benzo(A)Anthracene	ug/kg	520 J	550 J	740	ND	2000	300
Benzo(A)Pyrene	ug/kg	600 J	710 J	780	ND	1700 J	270
Benzo(B)Fluoranthene	ug/kg	750 J	840 J	1000	ND	2100	300
Benzo(K)Fluoranthene	ug/kg	330 J	440 J	370	ND	920 J	140 J
Chrysene	ug/kg	560 J	590 J	750	ND	2000	300
Dibenz(A,H)Anthracene	ug/kg	ND	ND	170 J	ND	400 J	57 J
Indeno(1,2,3-C,D)Pyrene	ug/kg	410 J	460 J	500	ND	980 J	140 J
PESTICIDES							
P,P'-DDT	ug/kg	–	–	10	–	–	–

WSP-SB-09		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 4 ft	10 - 12 ft	12 - 14 ft
INORGANICS							
Arsenic	mg/kg	11	10.1	21.6	39.4	13.2	139
Cadmium	mg/kg	1.3	0.64	0.83	1.8	4	197
Copper	mg/kg	36.8	24.5	41.4	82.9	11.5	33.4
Lead	mg/kg	189	133	146	365	13.8	8870
Mercury	mg/kg	0.13	0.18	0.11	0.14	0.04	0.18
Zinc	mg/kg	171	127	199	484	117	919
TCLP METALS							
Cadmium	mg/l	0.0029	0.0026	0.002	0.0032	0.63	5
Lead	mg/l	0.051	0.061	0.01 J	0.073	9.4	131
SEMI-VOLATILE ORGANIC							
Benzo(A)Anthracene	ug/kg	220 J	12000	46 J	370	ND	290 J
Benzo(A)Pyrene	ug/kg	290 J	12000	44 J	410	580 J	350 J
Benzo(B)Fluoranthene	ug/kg	340 J	14000	86 J	520	880 J	590 J
Benzo(K)Fluoranthene	ug/kg	160 J	5500	ND	170 J	ND	ND
Chrysene	ug/kg	250 J	12000	62 J	380	ND	410 J
Dibenz(A,H)Anthracene	ug/kg	ND	2300	ND	96 J	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	230 J	6200	41 J	250	490 J	310 J

WSP-SB-10		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	1 - 2 ft	6 - 8 ft	10 - 12 ft	12 - 14 ft
INORGANICS								
Arsenic	mg/kg	13.7	19.8	17.8	28.6	21.8	84.8	5.5
Barium	mg/kg	120	209	261	425	634	236	146
Cadmium	mg/kg	9.3	18.2	3.5	5.3	2.6	29.8	5.1
Chromium, Total	mg/kg	14.3	18.7	19.2	27.4	32.9	36.5	18.2
Copper	mg/kg	78.3	79.5	73.3	92.1	179	232	30.9
Lead	mg/kg	432	1020	674	864	777	1810	48.7
Manganese	mg/kg	291	343	254	316	668	878	176
Mercury	mg/kg	0.19	0.66	1	0.75	1.3	1.2	0.06
Nickel	mg/kg	19.7	20.9	21	22.5	49.2	41.9	24.6
Selenium	mg/kg	4.5 J	5.3	3.7 J	4.9	2.5 J	5.3 J	4.9 J
Zinc	mg/kg	410	607	631	766	849	1260	198
TCLP METALS								
Lead	mg/l	0.28	2.3	0.74	0.66	0.41	8.7	0.018 J
SEMI-VOLATILE ORGANIC								
Benzo(A)Anthracene	ug/kg	380 J	2200	620 J	1300 J	400 J	430 J	96 J
Benzo(A)Pyrene	ug/kg	540 J	2000	720 J	1600 J	390 J	700 J	70 J
Benzo(B)Fluoranthene	ug/kg	670 J	3600	890 J	1800 J	480 J	1800 J	59 J
Benzo(K)Fluoranthene	ug/kg	350 J	1800 J	450 J	970 J	ND	350 J	ND
Chrysene	ug/kg	ND	2200	620 J	1300 J	450 J	1500 J	74 J
Dibenz(A,H)Anthracene	ug/kg	ND	490 J	180 J	320 J	ND	450 J	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	350 J	1400 J	470 J	990 J	ND	660 J	ND
PFAS								
Perfluorooctanesulfonic acid (PFOS)	ug/kg	–	–	–	–	–	1.2	–

WSP-SB-03		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	1 - 4 ft	2.5 - 3.5 ft	3.5 - 4 ft
INORGANICS							
Arsenic	mg/kg	8.5	19.6	24	26.8	11.5	18.3
Barium	mg/kg	123	204	222	234	190	420
Cadmium	mg/kg	2.1	6.8	13.5	2.5	1.3	0.59
Copper	mg/kg	19.9	133	76.3	40.9	170	65
Lead	mg/kg	142	759	966	208	116	1510
Mercury	mg/kg	0.071	0.31 J	0.26	0.27	0.03	0.38
Zinc	mg/kg	117	736	332	685	405	563
SEMI-VOLATILE ORGANIC							
Benzo(A)Anthracene	ug/kg	ND	650	1100	250	69 J	880 J
Benzo(A)Pyrene	ug/kg	ND	860	1300	290	79 J	1200
Benzo(B)Fluoranthene	ug/kg	290 J	1100	2100	400	140 J	1300
Benzo(K)Fluoranthene	ug/kg	ND	670	1000	140 J	44 J	730 J
Chrysene	ug/kg	ND	640	1100	320	110 J	1200
Indeno(1,2,3-C,D)Pyrene	ug/kg	250 J	760	1000	230	79 J	770 J
PESTICIDES							
P,P'-DDT	ug/kg	–	–	–	7.8 J	–	–

MATCHLINE WITH FIGURE 4b

LEGEND

- WILLIAMS STREET PARK BOUNDARY
- SOIL BORING LOCATIONS
- ABG MATERIAL OBSERVED

200 100 0 200 400

SCALE: 1"=200'

Notes:
PFAS = per and polyflurocalkyl substances
PFOA = perfluorooctanoic acid
PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 20
"–" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
J = estimated at the value given; J+ = estimated biased high at the value given; JN =
- Value exceeds the NYCRR Unrestricted Use Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006
- Value exceeds the NYCRR Commercial Use Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006
- Value exceeds RCRA regulatory limits

FIGURE 4a

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

WILLIAMS ST. PARK SOIL BORING EXCEEDANCES

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560

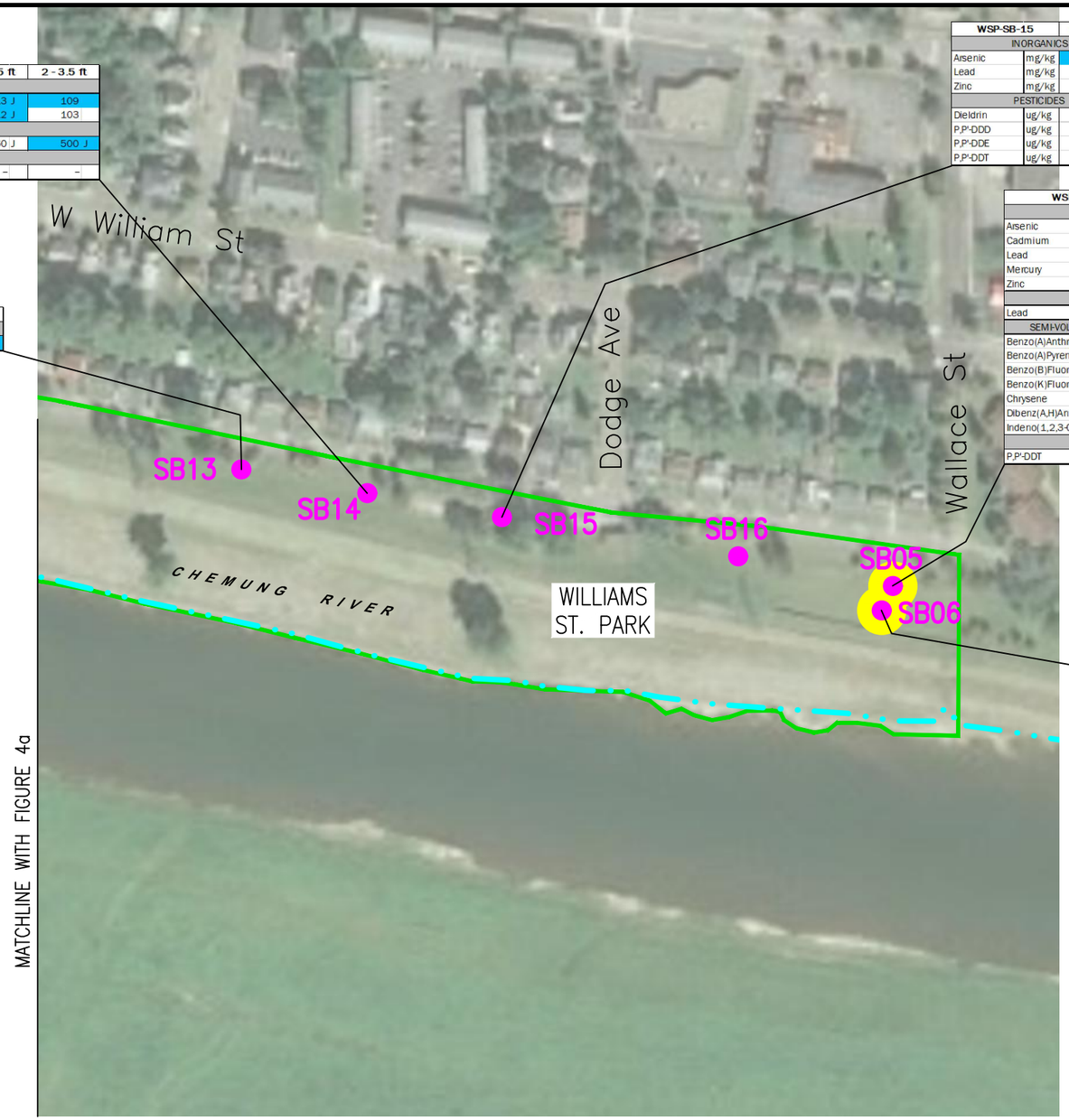
WSP-SB-14		1 - 2 ft	2 - 3.5 ft	2 - 3.5 ft
INORGANICS				
Lead	mg/kg	73	73.3 J	109
Zinc	mg/kg	81.7	112 J	103
SEMI-VOLATILE ORGANIC COMPOUNDS				
Indeno(1,2,3-C,D)Pyrene	ug/kg	220 J	460 J	500 J
PESTICIDES				
P,P'-DDT	ug/kg	12 J	–	–

WSP-SB-13		2 - 4 ft
INORGANICS		
Zinc	mg/kg	121 J

WSP-SB-15		0 - 0.5 ft	1 - 2 ft	2 - 3 ft	3 - 5 ft
INORGANICS					
Arsenic	mg/kg	13.7	9.5	18.7	7.9
Lead	mg/kg	54.6	451	134	175
Zinc	mg/kg	79	281	113	139
PESTICIDES					
Dieldrin	ug/kg	–	10 J	–	–
P,P'-DDD	ug/kg	–	15 JN	–	–
P,P'-DDE	ug/kg	–	10 J	–	–
P,P'-DDT	ug/kg	–	20	–	–

WSP-SB-05		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	4 - 6 ft	10 - 11 ft	14 - 16 ft
INORGANICS							
Arsenic	mg/kg	8.4	8.3	12.2	12.9	20.3	6.7
Cadmium	mg/kg	0.55	0.73	1.6	4	15.4	0.23
Lead	mg/kg	104	93.5	345	1350	3070	100
Mercury	mg/kg	0.17	0.21	0.31	0.28	0.22	0.017 J
Zinc	mg/kg	101	109	172	140	252	61.7
TCLP METALS							
Lead	mg/l	0.044	0.033	0.38	5.7	47.8	0.051
SEMI-VOLATILE ORGANIC COMPOUNDS							
Benzo(A)Anthracene	ug/kg	300 J	400 J	1100	530	4400	ND
Benzo(A)Pyrene	ug/kg	380 J	530 J	1300	630	4600	39 J
Benzo(B)Fluoranthene	ug/kg	430 J	790 J	1800	760	5000	34 J
Benzo(K)Fluoranthene	ug/kg	170 J	ND	690	380	2400	ND
Chrysene	ug/kg	310 J	450 J	1000	480	3700	ND
Dibenz(A,H)Anthracene	ug/kg	ND	ND	230	110 J	850 J	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	300 J	440 J	940	460	3000	29 J
PESTICIDES							
P,P'-DDT	ug/kg	–	–	–	–	20 J	–

WSP-SB-06		0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 3.5 ft
INORGANICS					
Lead	mg/kg	109	102	421	490
Mercury	mg/kg	0.099	0.099	0.14	0.33 J
Zinc	mg/kg	97	93.2	277	76.8 J
SEMI-VOLATILE ORGANIC COMPOUNDS					
Benzo(A)Anthracene	ug/kg	ND	ND	550 J	ND
Benzo(A)Pyrene	ug/kg	300 J	180 J	860 J	ND
Benzo(B)Fluoranthene	ug/kg	420 J	250 J	1100	ND
Benzo(K)Fluoranthene	ug/kg	ND	ND	370 J	ND
Chrysene	ug/kg	ND	ND	620 J	ND
Dibenz(A,H)Anthracene	ug/kg	ND	ND	240 J	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	220 J	140 J	740 J	ND



LEGEND

- WILLIAMS STREET PARK BOUNDARY
- SOIL BORING LOCATIONS
- ABG MATERIAL OBSERVED

LEGEND

Notes:
PFAS = per and polyfluroalkyl substances
PFOA = perfluorooctanoic acid
PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 20
"--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
J = estimated at the value given; J+ = estimated biased high at the value given; JN =
- Value exceeds the NYCRR Unrestricted Use Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006
- Value exceeds the NYCRR Commercial Use Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006
- Value exceeds RCRA regulatory limits

200 100 0 200 400

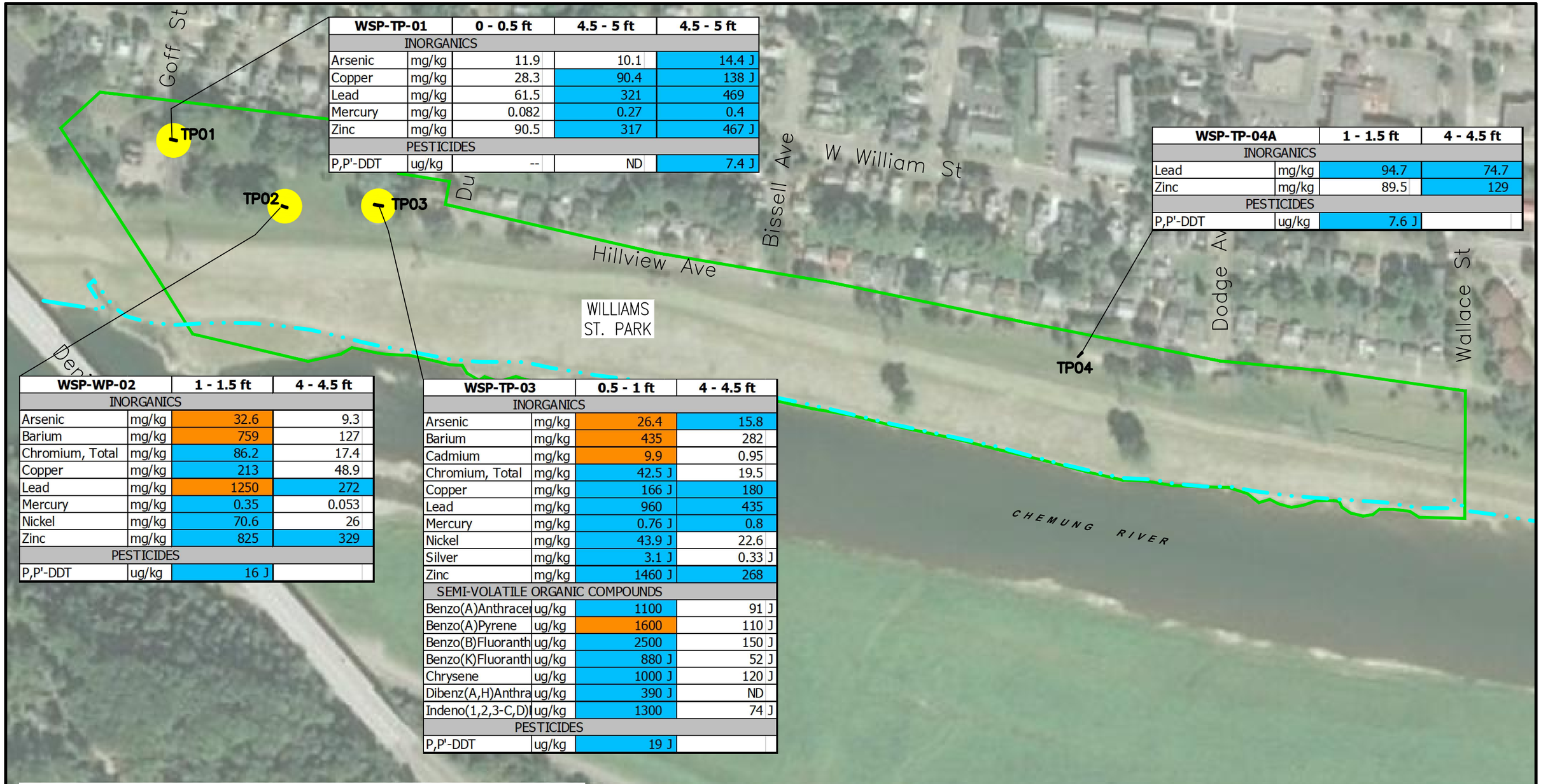
SCALE: 1"=200'

FIGURE 4b

NEW YORK STATE OF OPPORTUNITY Department of Environmental Conservation

WILLIAMS ST. PARK SOIL BORING EXCEEDANCES

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560



WSP-TP-01		0 - 0.5 ft	4.5 - 5 ft	4.5 - 5 ft
INORGANICS				
Arsenic	mg/kg	11.9	10.1	14.4 J
Copper	mg/kg	28.3	90.4	138 J
Lead	mg/kg	61.5	321	469
Mercury	mg/kg	0.082	0.27	0.4
Zinc	mg/kg	90.5	317	467 J
PESTICIDES				
P,P'-DDT	ug/kg	--	ND	7.4 J

WSP-TP-04A		1 - 1.5 ft	4 - 4.5 ft
INORGANICS			
Lead	mg/kg	94.7	74.7
Zinc	mg/kg	89.5	129
PESTICIDES			
P,P'-DDT	ug/kg	7.6 J	

WSP-WP-02		1 - 1.5 ft	4 - 4.5 ft
INORGANICS			
Arsenic	mg/kg	32.6	9.3
Barium	mg/kg	759	127
Chromium, Total	mg/kg	86.2	17.4
Copper	mg/kg	213	48.9
Lead	mg/kg	1250	272
Mercury	mg/kg	0.35	0.053
Nickel	mg/kg	70.6	26
Zinc	mg/kg	825	329
PESTICIDES			
P,P'-DDT	ug/kg	16 J	

WSP-TP-03		0.5 - 1 ft	4 - 4.5 ft
INORGANICS			
Arsenic	mg/kg	26.4	15.8
Barium	mg/kg	435	282
Cadmium	mg/kg	9.9	0.95
Chromium, Total	mg/kg	42.5 J	19.5
Copper	mg/kg	166 J	180
Lead	mg/kg	960	435
Mercury	mg/kg	0.76 J	0.8
Nickel	mg/kg	43.9 J	22.6
Silver	mg/kg	3.1 J	0.33 J
Zinc	mg/kg	1460 J	268
SEMI-VOLATILE ORGANIC COMPOUNDS			
Benzo(A)Anthracer	ug/kg	1100	91 J
Benzo(A)Pyrene	ug/kg	1600	110 J
Benzo(B)Fluoranth	ug/kg	2500	150 J
Benzo(K)Fluoranth	ug/kg	880 J	52 J
Chrysene	ug/kg	1000 J	120 J
Dibenz(A,H)Anthra	ug/kg	390 J	ND
Indeno(1,2,3-C,D)I	ug/kg	1300	74 J
PESTICIDES			
P,P'-DDT	ug/kg	19 J	

Notes:
PFAS = per and polyfluroalkyl substances
PFOA = perfluorooctanoic acid
[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.
"--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
J = estimated at the value given
- Value exceeds the NYCRR Unrestricted Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006
- Value exceeds the NYCRR Commercial Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

LEGEND
WILLIAMS STREET PARK BOUNDARY
TEST PIT LOCATION
ABG MATERIAL OBSERVED

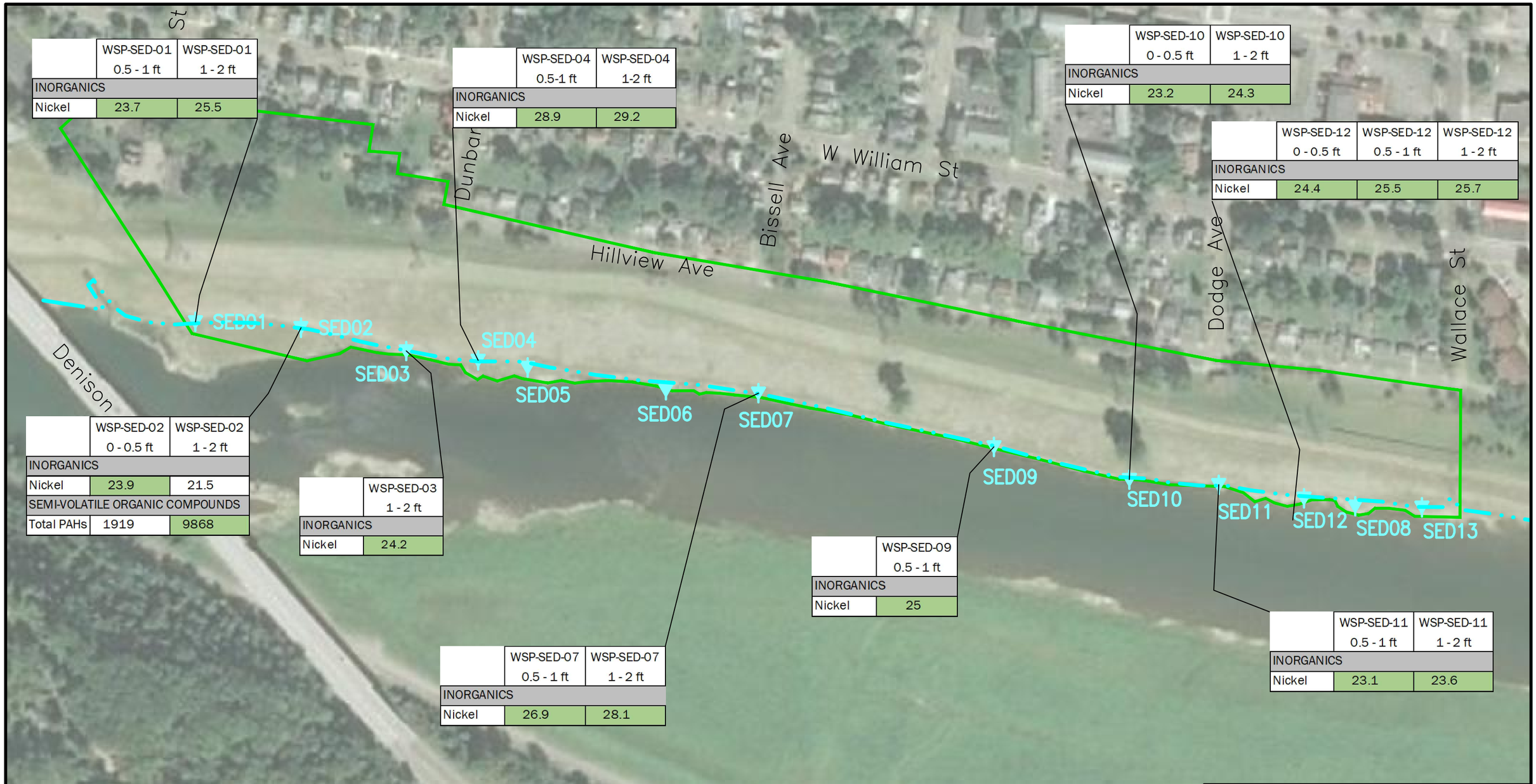
200 100 0 200 400
SCALE: 1"=200'

FIGURE 5

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

WILLIAMS ST. PARK
TEST PIT LOCATIONS AND RESULTS

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560



[1]Sediment Cleanup Objectives (SCOs) from Screening and Assessment of Contaminated Sediment. New York State Department of Environmental Conservation Division of Fish, Wildlife and Marine Resources Bureau of Habitat. June 24, 2014.

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

Exceeds Class A Sediment SGVs

Exceeds Class C Sediment SGVs

LEGEND

WILLIAMS STREET PARK BOUNDARY

SEDIMENT SOIL SAMPLES

N

200 100 0 200 400

SCALE: 1"=200'

FIGURE 6

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

WILLIAMS ST. PARK SEDIMENT SAMPLE EXCEEDANCES

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560

TABLES

Table 1
William Street Park
Site Characterization Report
Sampling Summary and Field Observations

Location or Sample ID	Total Depth	Field Observations/ Comments	Glass Archive Sample(s) Collected?	Analytical Sample Depth	Matrix	Analytical Sample Type	Sampling Date	Metals + Mercury, Boron	TCLP Metals	Cyanide	Cr 6+ and Cr3+	SVOCs + 1,4-Dioxane	VOCs	Pesticides	Herbicides	PCBs	TPH	PFAS	TOC	Solid Waste RCRA Parameters	Liquid Waste RCRA Parameters
Soil Boring																					
WSP-SB-01	20 ft	1.8 - 10.3': ABG material observed	Yes	0.0-0.5 ft	Soil	Normal	11/5/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X			X									
				2.0-4.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				5.0-7.0 ft	Soil	Normal		X	X			X									
				9.2-10.2 ft	Soil	Normal		X	X			X									
WSP-SB-02	10 ft	0.8 - 6.0 ft: Abundant ABG material.	Yes	0.0-0.5 ft	Soil	Normal	11/13/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Field Duplicate		X	X			X									
				3.0-5.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				6.0-7.0 ft	Soil	Normal		X	X			X									
				8.0-10.0 ft	Soil	Normal		X	X			X									
WSP-SB-03 / WSP-SB-03A	25 ft / 4.0 ft	1.5 - 12 ft: Abundant ABG material. Water observed at 20 ft.	Yes	0.0-0.5 ft	Soil	Normal	11/3/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal	11/3/2020	X	X			X									
				1.0-2.0 ft	Soil	Normal	11/11/2020	X	X			X									
				2.5-3.5 ft	Soil	Normal	11/11/2020	X	X			X									
				3.5-4.0 ft	Soil	Normal	11/11/2020	X	X			X									
				1.0-4.0 ft	Soil	Normal	11/3/2020	X	X	X	X	X	X	X	X	X	X	X			
				11.5-13.5 ft	Soil	Normal	11/3/2020	X	X			X									
WSP-SB-04	20 ft	0.5 - 15 ft: Abundant ABG material. Water observed at 18.5 ft.	Yes	0.0-0.5 ft	Soil	Normal	11/3/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				4.0-6.0 ft	Soil	Normal		X	X			X									
				8.0-10.0 ft	Soil	Normal		X	X			X									
				15.0-17.0 ft	Soil	Normal		X	X			X									
WSP-SB-05	16 ft	1.0 - 10.7 ft: Abundant ABG material. Water observed at 14 ft.	Yes	0.0-0.5 ft	Soil	Normal	11/6/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X			X									
				4.0-6.0 ft	Soil	Normal		X	X			X									
				10.0-11.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				12.0-13.0 ft	Soil	Normal		X	X			X									
				14.0-16.0 ft	Soil	Normal		X	X			X									
WSP-SB-06	10 ft	1.7 - 3.3 ft: ABG material observed	No	0.0-0.5 ft	Soil	Normal	11/6/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X			X									
				2.0-3.5 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				4.0-5.0 ft	Soil	Normal		X	X			X									
				9.0-10.0 ft	Soil	Normal		X	X			X									
WSP-SB-07	15 ft	Water observed at 10 feet.	No	0.0-0.5 ft	Soil	Normal	11/4/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X			X									
				2.0-6.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				8.0-11.0 ft	Soil	Normal		X	X			X									
WSP-SB-08 / WSP-SB-08A	10 ft / 6 ft	0.5 - 2.7 ft: Abundant ABG material	Yes	0.0-0.5 ft	Soil	Normal	11/5/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal	11/5/2020	X	X			X									
				1.0-2.0 ft	Soil	Normal	11/13/2020	X	X			X									
				2.0-3.0 ft	Soil	Normal	11/5/2020	X	X	X	X	X	X	X	X	X	X	X			
				2.0-3.0 ft	Soil	Field Duplicate	11/5/2020	X	X	X	X	X	X	X	X	X	X	X			
				3.0-5.0 ft	Soil	Normal	11/13/2020	X	X			X									
				9.0-10.0 ft	Soil	Normal	11/5/2020	X	X			X									
WSP-SB-09	10 ft	0.7 - 12 ft: Abundant ABG material	Yes	0.0-0.5 ft	Soil	Normal	11/3/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				2.0-4.0 ft	Soil	Normal		X	X			X									
				10.0-12.0 ft	Soil	Normal		X	X			X									
				12.0-14.0 ft	Soil	Normal		X	X			X									
WSP-SB-10	14 ft	0.6 - 11.7 ft: Abundant ABG material	Yes	0.0-0.5 ft	Soil	Normal	11/4/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Field Duplicate		X	X			X									
				6.0-8.0 ft	Soil	Normal		X	X			X									
				10.0-12.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				12.0-14.0	Soil	Normal		X	X			X									
WSP-SB-13	10 ft	1.8 - 2.5 ft: Small amounts of coal and red brick.	No	0.0-0.5 ft	Soil	Normal	11/13/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				2.0-4.0 ft	Soil	Normal		X	X			X									
				5.0-6.0 ft	Soil	Normal		X	X			X									
				8.0-10.0 ft	Soil	Normal		X	X			X									
WSP-SB-14	25 ft	1.1 - 2.2 ft: Soil containing trace coal and occasional glass and ash fragment. Does not resemble ABG. Water observed at 15 ft.	No	0.0-0.5 ft	Soil	Normal	11/10/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				2.0-3.5 ft	Soil	Normal		X	X			X									
				2.0-3.5 ft	Soil	Field Duplicate		X	X			X									
				3.5-5.0 ft	Soil	Normal		X	X			X									
				17.0-19.0 ft	Soil	Normal		X	X			X									
WSP-SB-15	25 ft	0.7 - 1.7 ft: Soil containing trace brick (potentially furnace brick) and coal. Water observed beginning at 17.5 feet.	No	0.0-0.5 ft	Soil	Normal	11/10/2020	X	X			X									
				0.5-1.0 ft	Soil	Normal		X	X			X									
				1.0-2.0 ft	Soil	Normal		X	X	X	X	X	X	X	X	X	X	X			
				2.0-3.0 ft	Soil	Normal		X	X			X									
				3.0-5.0 ft	Soil	Normal		X	X			X									
				16.0-18.0 ft	Soil	Normal		X	X			X									

PARSONS

Table 1
William Street Park
Site Characterization Report
Sampling Summary and Field Observations

Location or Sample ID	Total Depth	Field Observations/ Comments	Glass Archive Sample(s) Collected?	Analytical Sample Depth	Matrix	Analytical Sample Type	Sampling Date	Metals + Mercury, Boron	TCLP Metals	Cyanide	Cr 6+ and Cr3+	SVOCs + 1,4-Dioxane	VOCs	Pesticides	Herbicides	PCBs	TPH	PFAS	TOC	Solid Waste RCRA Parameters	Liquid Waste RCRA Parameters
WSP-SB-16	20 ft	0 - 4.2 ft: Small amounts of red brick and coal. Trace/occasional pieces of glass and potential ash-like material. Does not resemble ABG. Water observed at 11 feet.	No	0.0-0.5 ft*	Soil	Normal	11/9/2020														
				0.5-1.0 ft*	Soil	Normal															
				1.0-2.0 ft*	Soil	Normal															
				2.0-4.0 ft*	Soil	Normal															
				5.0-6.0 ft*	Soil	Normal															
				14.0-16.0 ft*	Soil	Normal															
Surface Soil																					
WSP-SS-01	2 in		No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-02	2 in	Small amounts of glass cullet observed in surface soil.	No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
			No	0.0 - 2.0 in	Soil	Field Duplicate	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-03	2 in		No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-04	2 in		No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-05	2 in		No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-06	2 in	Piece of glass cullet (0.5-1" in size) observed.	No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-07	2 in	Single piece of glass noted.	No	0.0 - 2.0 in	Soil	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-08	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-09	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-10	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-11	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-12	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-13	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-14	2 in	Small amounts of glass noted.	No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-15	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-SS-16	2 in		No	0.0 - 2.0 in	Soil	Normal	11/20/2020	X	X	X	X	X	X	X	X	X	X	X			
Test Pit Soil																					
WSP-TP-01	6 ft	3.5 to ≥ 6 ft: abundant ABG (variable-colored ash, brick, glass fragments); slag and metal also present.	Yes	0.0 - 0.5 ft	Soil	Normal	11/5/2020	X	X			X									
				4.5 - 5.0 ft	Soil	Normal	11/5/2020	X	X	X	X	X	X	X	X	X	X	X			
				4.5 - 5.0 ft	Soil	Field Duplicate	11/5/2020	X	X	X	X	X	X	X	X	X	X	X			
WSP-TP-02	4.5 ft	0.7 to ≥ 4.5 ft: abundant ABG (variable-colored ash, brick, glass); misc. metal, coal, slag.	Yes	1.0 - 1.5 ft	Soil	Normal	11/5/2020	X	X	X	X	X	X	X	X	X	X	X			
				4.0 - 4.5 ft	Soil	Normal	11/5/2020	X	X			X									
WSP-TP-03	5 ft	0 - 1 ft: ash and glass mixed in with topsoil. 1 to > 5 ft: abundant ABG	Yes	0.5 - 1.0 ft	Soil	Normal	11/5/2020	X	X	X	X	X	X	X	X	X	X	X			
				4.0 - 4.5 ft	Soil	Normal	11/5/2020	X	X			X									
WSP-TP-04A	4.5 ft	0 - 1 ft: single piece of glass noted. 1 - 2 ft: fill soil with trace brick.	No	1.0 - 1.5 ft	Soil	Normal	11/6/2020	X	X	X	X	X	X	X	X	X	X	X			
				4.0 - 4.5 ft	Soil	Normal	11/6/2020	X	X			X									
Sediment																					
WSP-SED-01	2 ft	Small amounts of glass pieces (1 - 2 small pieces)	No	0.0 - 0.5 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
WSP-SED-02	2 ft	Small amounts of slag (1 - 2 small pieces)	No	0.0 - 0.5 ft	Sediment	Normal	11/17/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/17/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/17/2020	X	X			X							X		
WSP-SED-03	2 ft		No	0.0 - 0.5 ft	Sediment	Normal	11/17/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/17/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/17/2020	X	X			X						X	X		
WSP-SED-04	2 ft		No	0.0 - 0.5 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Field Duplicate	11/16/2020	X	X			X							X		
WSP-SED-05	2 ft		No	0.0 - 0.5 ft	Sediment	Normal	11/17/2020	X	X	X	X	X	X	X	X	X	X	X	X		
				0.5 - 1.0 ft	Sediment	Normal	11/17/2020	X	X	X	X	X	X	X	X	X	X	X	X		
				1.0 - 2.0 ft	Sediment	Normal	11/17/2020	X	X			X							X		
WSP-SED-06	1 ft	Shallow refusal at 1 ft.	No	0.0 - 0.5 ft	Sediment	Normal	11/17/2020	X	X	X	X	X	X	X	X	X	X	X	X		
				0.5 - 1.0 ft	Sediment	Normal	11/17/2020	X	X			X							X		
WSP-SED-07	1.7 ft	Shallow refusal at 1.7 ft.	No	0.0 - 0.5 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				1.0 - 1.7 ft	Sediment	Normal	11/16/2020	X	X			X							X		
WSP-SED-08	2 ft	Trace brick (1 small piece)	No	0.0 - 0.5 ft	Sediment	Normal	11/19/2020	X	X			X							X		
				0.0 - 0.5 ft	Sediment	Field Duplicate	11/19/2020												X		
				0.5 - 1.0 ft	Sediment	Normal	11/19/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/19/2020	X	X	X	X	X	X	X	X	X	X	X	X		
WSP-SED-09	1.2 ft	Shallow refusal at 1.2 ft.	No	0.0 - 0.5 ft	Sediment	Normal	11/18/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/18/2020	X	X	X	X	X	X	X	X	X	X	X	X		
WSP-SED-10	2 ft	Small amount of glass - 1 small clear piece	No	0.0 - 0.5 ft	Sediment	Normal	11/18/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/18/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/18/2020	X	X	X	X	X	X	X	X	X	X	X	X		
				1.0 - 2.0 ft	Sediment	Field Duplicate	11/18/2020	X	X	X	X	X	X	X	X	X	X	X	X		
WSP-SED-11	2 ft		No	0.0 - 0.5 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
WSP-SED-12	2 ft	Trace metal fragments at 1.8 - 2 ft	No	0.0 - 0.5 ft	Sediment	Normal	11/18/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/18/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/18/2020	X	X	X	X	X	X	X	X	X	X	X	X		
WSP-SED-13	2 ft	1 small glass piece noted at ~1 ft.	No	0.0 - 0.5 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				0.5 - 1.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
				1.0 - 2.0 ft	Sediment	Normal	11/16/2020	X	X			X							X		
IDW																					
WSP-IDW_LW-01	N/A		--	--	Aqueous	Normal	11/24/2020														X
WSP-IDW_SW-01	N/A		--	--	Solid	Normal	11/24/2020													X	

*Soil samples collected and submitted to laboratory as indicated. However, laboratory did not have record of samples being received.

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Table 2
William Street Park
Site Characterization Report
Validated Surface Soil Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID	WSP-SS-01	WSP-SS-02	WSP-SS-02	WSP-SS-03	WSP-SS-04	WSP-SS-05	WSP-SS-06	WSP-SS-07
					Start Depth	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
					Sample ID	WSP-SS-01_0.0-2.0-20201119	WSP-SS-02_0.0-2.0 DUP-20201119	WSP-SS-02_0.0-2.0-20201119	WSP-SS-03_0.0-2.0-20201119	WSP-SS-04_0.0-2.0-20201119	WSP-SS-05_0.0-2.0-20201119	WSP-SS-06_0.0-2.0-20201119	WSP-SS-07_0.0-2.0-20201119
					Sample Type	N	FD	N	N	N	N	N	N
					Matrix	SO	SO	SO	SO	SO	SO	SO	SO
					Lab Sample ID	480-178679-1	480-178679-3	480-178679-2	480-178679-4	480-178679-5	480-178679-7	480-178679-6	480-178679-8
					Sampled	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020
INORGANICS													
Aluminum	mg/kg					5040	11400	11200	8560	6270	11900	10600	11500
Arsenic	mg/kg	13	16			7.4	8.3	7.5	5.6	6	9	9.4	7.6
Barium	mg/kg	350	400			36.8 J+	121 J+	119 J+	81.6 J+	77.9 J+	146 J+	144 J+	133 J+
Beryllium	mg/kg	7.2	590			0.26	0.56	0.53	0.48	0.27	0.62	0.56	0.52
Boron	mg/kg					3.7	9.1	8.7	3.9	6.8	6.5	9.7	4.8
Cadmium	mg/kg	2.5	9.3			0.14 J	2.5	2.6	0.27	0.21 J	0.6	0.9	0.62
Calcium	mg/kg					42000	5340	4430	1340	14100	2880	4820	1880
Chromium, Total	mg/kg	30	1500			7.9	17.8	17.2	11.2 J+	10.1 J+	16 J+	17.6 J+	14.9 J+
Cobalt	mg/kg					6.4	9.3	9.2	7.9	5.6	8.9	9.2	10.1
Copper	mg/kg	50	270			17.9	27	26.8	13	20.1	26.9	30.6	19.6
Iron	mg/kg					15500	20900	20800	13600	12900	18600	22100	20600
Lead	mg/kg	63	1000			14.2	80.8	79.7	25.3	21.2	139	152	51.2
Magnesium	mg/kg					3040	3250	3090	1990 J+	6830 J+	2630 J+	2750 J+	2920 J+
Manganese	mg/kg	1600	10000			412	472	462	326 J+	436 J+	510 J+	451 J+	438 J+
Mercury	mg/kg	0.18	2.8			0.01 J	0.23	0.24	0.079	0.021 J	0.13	0.27	0.026
Nickel	mg/kg	30	310			16.5	22.8	22.5	15.2	12.7	21.2	21.6	22.2
Potassium	mg/kg					1150	2190	2110	1630	1370	1890	2140	2620
Selenium	mg/kg	3.9	1500			ND	0.74 J	0.58 J	ND	ND	1.2 J	1.5 J	0.67 J
Silver	mg/kg	2	1500			ND	0.29 J	0.26 J	0.26 J	ND	ND	0.29 J	ND
Sodium	mg/kg					60.7 J	74.3 J	71.6 J	42.7 J	61.9 J	94.4 J	161 J	50.6 J
Vanadium	mg/kg					11	18.7	18.4	12.7	11.4	20	17.7	17.4
Zinc	mg/kg	109	10000			46.5	146	147	68.3	64.3	138	220	190
Chromium III	mg/kg					7.9	17.8	17.2	11.2	10.1	16	17.6	14.9
TCLP METALS													
Arsenic	mg/l			5		ND	0.0085 J	0.0076 J	ND	0.0068 J	0.0061 J	0.0078 J	ND
Barium	mg/l			100		0.35 J	0.41 J	0.37 J	0.26 J	0.49 J	0.38 J	0.53 J	0.39 J
Cadmium	mg/l			1		0.00095 J	0.0077	0.0073	0.00077 J	0.001 J	0.00088 J	0.0036	0.0021
Lead	mg/l			5		ND	0.022	0.0095 J	0.0081 J	ND	0.021	0.015 J	0.016 J
VOLATILE ORGANIC COMPOUNDS													
Acetone	ug/kg	50	500000			ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	ug/kg					ND	ND	ND	ND	ND	ND	9.2 J	ND
Trichloroethylene (TCE)	ug/kg	470	200000			ND	2.4 J	1.7 J	1.3 J	ND	ND	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS													
Acenaphthene	ug/kg	20000	500000			ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	100000	500000			ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ug/kg	100000	500000			ND	ND	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene	ug/kg	1000	5600			36 J	230 J	ND	ND	ND	280 J	ND	ND
Benzo(A)Pyrene	ug/kg	1000	1000			71 J	320 J	330 J	33 J	47 J	390 J	ND	60 J
Benzo(B)Fluoranthene	ug/kg	1000	5600			92 J	370 J	450 J	45 J	49 J	390 J	200 J	78 J
Benzo(G,H,I)Perylene	ug/kg	100000	500000			67 J	210 J	250 J	29 J	40 J	270 J	120 J	40 J
Benzo(K)Fluoranthene	ug/kg	800	56000			42 J	200 J	170 J	ND	ND	240 J	ND	ND
Bis(2-Ethylhexyl) Phthalate	ug/kg					ND	590 J	770 J	ND	ND	ND	1300	ND
Carbazole	ug/kg					ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ug/kg	1000	56000			45 J	260 J	260 J	ND	ND	300 J	ND	ND
Dibenz(A,H)Anthracene	ug/kg	330	560			ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ug/kg	7000	350000			ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	ug/kg					ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	ug/kg					ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000			98 J	550 J	520 J	46 J	69 J	590 J	190 J	120 J
Fluorene	ug/kg	30000	500000			ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600			53 J	180 J	180 J	ND	28 J	230 J	ND	35 J
Phenanthrene	ug/kg	100000	500000			ND	ND	ND	ND	ND	220 J	ND	40 J
Pyrene	ug/kg	100000				74 J	400 J	350 J	30 J	40 J	480 J	140 J	70 J
PFAS													
Perfluorobutanesulfonic acid (PFBS)	ug/kg					ND	0.047 J	0.037 J	ND	ND	ND	0.12 J	ND
Perfluorobutanoic Acid	ug/kg					0.066 J	0.67	0.59	0.28	0.073 J	0.26	0.22 J	0.17 J
Perfluorodecane Sulfonic Acid	ug/kg					ND	ND	ND	ND	ND	ND	0.084 J	ND
Perfluorodecanoic acid (PFDA)	ug/kg					0.04 J	0.24	0.25	0.05 J	0.076 J	0.16 J	0.4	0.055 J
Perfluorododecanoic acid (PFDoA)	ug/kg					ND	0.15 J	0.13 J	ND	ND	ND	0.15 J	ND
Perfluoroheptanoic acid (PFHpA)	ug/kg					0.032 J	0.2 J	0.19 J	0.068 J	0.069 J	0.13 J	0.17 J	0.081 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg					ND	0.056 J	0.061 J	0.052 J	ND	0.041 J	0.11 J	ND
Perfluorohexanoic acid (PFHxA)	ug/kg					ND	0.18 J	0.17 J	0.068 J	ND	0.06 J	0.1 J	0.054 J
Perfluorononanoic acid (PFNA)	ug/kg					0.058 J	0.32	0.33	0.1 J	0.13 J	0.29	0.21 J	0.099 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]			0.28 J	1.3	1.4	0.81	0.39 J	1.1	4.9	0.57 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]			ND	0.55	0.54	0.15 J	0.11 J	0.37	0.58	0.14 J
Perfluoropentanoic Acid (PFPeA)	ug/kg					ND	0.096 J	0.12 J	ND	ND	ND	0.098 J	ND
Perfluorotetradecanoic acid (PFTA)	ug/kg					ND	ND	ND	ND	ND	ND	0.073 J	ND
Perfluorotridecanoic Acid (PFTriA)	ug/kg					ND	0.07 J	0.081 J	ND	ND	ND	ND	ND
Perfluoroundecanoic Acid (PFUnA)	ug/kg					ND	0.23 J	0.21 J	ND	0.087 J	0.14 J	0.12 J	0.06 J
PESTICIDES													

PARSONS

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				Location ID	WSP-SS-01	WSP-SS-02	WSP-SS-02	WSP-SS-03	WSP-SS-04	WSP-SS-05	WSP-SS-06	WSP-SS-07
				Start Depth	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
				Sample ID	WSP-SS-01_0.0-2.0-20201119	WSP-SS-02_0.0-2.0 DUP-20201119	WSP-SS-02_0.0-2.0-20201119	WSP-SS-03_0.0-2.0-20201119	WSP-SS-04_0.0-2.0-20201119	WSP-SS-05_0.0-2.0-20201119	WSP-SS-06_0.0-2.0-20201119	WSP-SS-07_0.0-2.0-20201119
				Sample Type	N	FD	N	N	N	N	N	N
				Matrix	SO	SO	SO	SO	SO	SO	SO	SO
				Lab Sample ID	480-178679-1	480-178679-3	480-178679-2	480-178679-4	480-178679-5	480-178679-7	480-178679-6	480-178679-8
				Sampled	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020	11/19/2020
Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]								
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000		ND	ND	ND	ND	ND	ND	ND	ND
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000		ND	ND	ND	ND	0.72 J	ND	ND	ND
Endrin	ug/kg	14	89000		ND	ND	ND	ND	ND	ND	ND	ND
Endrin Aldehyde	ug/kg				ND	ND	ND	0.66 J	ND	ND	ND	ND
Endrin Ketone	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND
Gamma Bhc (Lindane)	ug/kg	100	9200		ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ug/kg				ND	8.9 JN	ND	ND	ND	ND	ND	ND
P,P'-DDD	ug/kg	3.3	92000		ND	ND	ND	ND	ND	ND	ND	ND
P,P'-DDE	ug/kg	3.3	62000		ND	ND	ND	ND	ND	ND	ND	ND
P,P'-DDT	ug/kg	3.3	47000		ND	ND	15 J	ND	ND	ND	ND	ND
HERBICIDES (No Detections)												
PCBS												
PCB-1260 (Aroclor 1260)	mg/kg	0.1	1		ND	ND	ND	ND	ND	ND	ND	ND
TPH												
Sgt Hem (Oil And Grease - Nonpolar	mg/kg				129	462	351	188	185	375	131	187

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

- Value exceeds RCRA regulatory limits

Table 2
William Street Park
Site Characterization Report
Validated Surface Soil Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	WSP-SS-08 0 - 2 in WSP-SS-08_0.0-2.0-20201120 N SO 480-178605-8 11/20/2020	WSP-SS-09 0 - 2 in WSP-SS-09_0.0-2.0-20201120 N SO 480-178605-9 11/20/2020	WSP-SS-10 0 - 2 in WSP-SS-10_0.0-2.0-20201120 N SO 480-178605-7 11/20/2020	WSP-SS-11 0 - 2 in WSP-SS-11_0.0-2.0-20201120 N SO 480-178605-6 11/20/2020	WSP-SS-12 0 - 2 in WSP-SS-12_0.0-2.0-20201120 N SO 480-178605-5 11/20/2020	WSP-SS-13 0 - 2 in WSP-SS-13_0.0-2.0-20201120 N SO 480-178605-4 11/20/2020	WSP-SS-14 0 - 2 in WSP-SS-14_0.0-2.0-20201120 N SO 480-178605-3 11/20/2020
INORGANICS											
Aluminum	mg/kg				12400	9470	13600	9500	9380	13100	9640 J
Arsenic	mg/kg	13	16		7.6	6.4	8.3	5.7	6.3	9.6	8.4
Barium	mg/kg	350	400		123	111	147	90.1	139	158	83.2 J
Beryllium	mg/kg	7.2	590		0.55	0.49	0.61	0.44	0.45	0.6	0.46
Boron	mg/kg				5.1	7.3	6.5	5.1	6.8	7.5	6.5
Cadmium	mg/kg	2.5	9.3		0.22 J	0.47	0.42	0.17 J	0.18 J	0.44	0.27
Calcium	mg/kg				2310	3310	3240	6390	5980	3200	2860
Chromium, Total	mg/kg	30	1500		15	12.3	17.5	11.4	10.8	17.4	13.1
Cobalt	mg/kg				9.7	7.5	10.4	7.1	7.3	10.4	7.5
Copper	mg/kg	50	270		22.1	18.7	21.4	17.3	18.8	25.4	17.7
Iron	mg/kg				22500	16100	23200	17100	16300	29300	17300
Lead	mg/kg	63	1000		34.5	84.5	49.1	43	18	137	39.8
Magnesium	mg/kg				3180	2370	3340	3570	2410	3250	2580
Manganese	mg/kg	1600	10000		476	441	494	402	628	551	395
Mercury	mg/kg	0.18	2.8		0.025	0.073	0.034	0.046	0.027	0.095	0.047
Nickel	mg/kg	30	310		21.9	16.7	23	16.9	15.8	24.5	17.1
Potassium	mg/kg				2160	1830	2810	1830	1780	2580	1910 J
Selenium	mg/kg	3.9	1500		2.1 J	2.2 J	2.5 J	1.8 J	2.1 J	2.7 J	1.8 J
Silver	mg/kg	2	1500		0.29 J	0.34 J	0.33 J	0.36 J	ND	0.41 J	0.22 J
Sodium	mg/kg				46.4 J	82.9 J	53 J	48.2 J	36.1 J	51.3 J	42.3 J
Vanadium	mg/kg				18.4	14.9	20.4	15.6	13.6	20.2	14.1
Zinc	mg/kg	109	10000		108	104	132	65.1	61.9	198	72.5
Chromium III	mg/kg				15	12.3	17.5	11.4	10.8	17.4	13.1
TCLP METALS											
Arsenic	mg/l			5	ND	ND	ND	ND	ND	0.0066 J	0.0098 J
Barium	mg/l			100	0.33 J	0.27 J	0.36 J	0.37 J	0.37 J	0.41 J	0.27 J
Cadmium	mg/l			1	0.00057 J	0.001 J	0.00075 J	0.0005 J	ND	0.00092 J	0.00059 J
Lead	mg/l			5	0.0043 J	0.0087 J	0.0079 J	0.0055 J	ND	0.032	0.0063 J
VOLATILE ORGANIC COMPOUNDS											
Acetone	ug/kg	50	500000		ND	12 J	ND	ND	ND	ND	ND
Methyl Acetate	ug/kg				ND	6.1 J	ND	31	ND	24 J	ND
Trichloroethylene (TCE)	ug/kg	470	200000		ND	ND	ND	ND	ND	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS											
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND	ND	36 J
Acenaphthylene	ug/kg	100000	500000		ND	ND	ND	140 J	ND	ND	30 J
Anthracene	ug/kg	100000	500000		ND	ND	ND	ND	ND	ND	120 J
Benzo(A)Anthracene	ug/kg	1000	5600		46 J	180 J	ND	ND	29 J	65 J	200
Benzo(A)Pyrene	ug/kg	1000	1000		68 J	320 J	43 J	310 J	52 J	89 J	230
Benzo(B)Fluoranthene	ug/kg	1000	5600		110 J	340 J	48 J	330 J	55 J	120 J	280
Benzo(G,H,I)Perylene	ug/kg	100000	500000		49 J	250 J	33 J	250 J	38 J	82 J	150 J
Benzo(K)Fluoranthene	ug/kg	800	56000		58 J	ND	ND	ND	31 J	43 J	130 J
Bis(2-Ethylhexyl) Phthalate	ug/kg				ND	ND	ND	ND	ND	ND	300
Carbazole	ug/kg				ND	ND	ND	ND	ND	ND	50 J
Chrysene	ug/kg	1000	56000		90 J	ND	ND	ND	ND	72 J	250
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	ND	ND	ND	ND	ND	41 J
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	ND	ND	46 J
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND	61 J	ND
Di-N-Octylphthalate	ug/kg				ND	ND	ND	ND	ND	ND	35 J
Fluoranthene	ug/kg	100000	500000		180 J	410 J	51 J	180 J	77 J	120 J	490
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND	ND	ND	48 J
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		40 J	210 J	ND	190 J	33 J	58 J	140 J
Phenanthrene	ug/kg	100000	500000		44 J	ND	ND	ND	ND	33 J	440
Pyrene	ug/kg	100000			130 J	340 J	41 J	170 J	ND	110 J	380
PFAS											
Perfluorobutanesulfonic acid (PFBS)	ug/kg				ND	0.034 J	ND	ND	ND	ND	ND
Perfluorobutanoic Acid	ug/kg				0.24 J	ND	0.31	ND	0.14 J	0.39	0.12 J
Perfluorodecane Sulfonic Acid	ug/kg				ND	ND	ND	ND	ND	ND	ND
Perfluorodecanoic acid (PFDA)	ug/kg				0.062 J	0.11 J	0.07 J	0.088 J	0.098 J	0.072 J	0.17 J
Perfluorododecanoic acid (PFDoA)	ug/kg				ND	ND	ND	ND	ND	ND	0.087 J
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.13 J	ND	0.12 J	0.082 J	0.12 J	0.1 J	0.14 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				ND	ND	0.045 J	ND	0.053 J	ND	0.042 J
Perfluorohexanoic acid (PFHxA)	ug/kg				0.082 J	ND	0.085 J	ND	0.078 J	0.095 J	0.1 J
Perfluorononanoic acid (PFNA)	ug/kg				0.12 J	0.13 J	0.16 J	0.12 J	0.15 J	0.12 J	0.13 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]		0.54 J	0.69	1.4	0.41 J	0.32 J	0.64	1.1
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]		0.24 J	0.14 J	0.28	0.1 J	0.17 J	0.26	0.34
Perfluoropentanoic Acid (PFPeA)	ug/kg				ND	ND	ND	ND	ND	0.1 J	ND
Perfluorotetradecanoic acid (PFTA)	ug/kg				ND	ND	ND	ND	ND	ND	ND
Perfluorotridecanoic Acid (PFTriA)	ug/kg				ND	ND	ND	ND	ND	ND	ND
Perfluoroundecanoic Acid (PFUnA)	ug/kg				0.06 J	0.093 J	0.061 J	0.1 J	0.071 J	0.061 J	0.08 J
PESTICIDES											

PARSONS

Table 2
William Street Park
Site Characterization Report
Validated Surface Soil Data - Detected Compounds

				Location ID	WSP-SS-08	WSP-SS-09	WSP-SS-10	WSP-SS-11	WSP-SS-12	WSP-SS-13	WSP-SS-14
				Start Depth	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
				Sample ID	WSP-SS-08_0.0-2.0-20201120	WSP-SS-09_0.0-2.0-20201120	WSP-SS-10_0.0-2.0-20201120	WSP-SS-11_0.0-2.0-20201120	WSP-SS-12_0.0-2.0-20201120	WSP-SS-13_0.0-2.0-20201120	WSP-SS-14_0.0-2.0-20201120
				Sample Type	N	N	N	N	N	N	N
				Matrix	SO	SO	SO	SO	SO	SO	SO
				Lab Sample ID	480-178605-8	480-178605-9	480-178605-7	480-178605-6	480-178605-5	480-178605-4	480-178605-3
				Sampled	11/20/2020	11/20/2020	11/20/2020	11/20/2020	11/20/2020	11/20/2020	11/20/2020
Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]							
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000		1.6 J	ND	ND	ND	ND	ND	ND
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000		1.3 J	ND	0.7 J	ND	19	0.79 J	ND
Endrin	ug/kg	14	89000		ND	ND	ND	ND	ND	ND	0.53 J
Endrin Aldehyde	ug/kg				ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	ug/kg				ND	ND	ND	ND	1.8 J	ND	ND
Gamma Bhc (Lindane)	ug/kg	100	9200		1.1 J	ND	ND	ND	0.89 J	0.7 J	0.59 J
Methoxychlor	ug/kg				ND	9.7 J	ND	ND	ND	ND	ND
P,P'-DDD	ug/kg	3.3	92000		ND	ND	0.63 J	ND	0.6 J	ND	ND
P,P'-DDE	ug/kg	3.3	62000		ND	ND	ND	ND	ND	1.8 J	ND
P,P'-DDT	ug/kg	3.3	47000		0.87 J	ND	ND	ND	0.93 J	2.6	ND
HERBICIDES (No Detections)											
PCBS											
PCB-1260 (Aroclor 1260)	mg/kg	0.1	1		ND	ND	ND	ND	ND	ND	ND
TPH											
Sgt Hem (Oil And Grease - Nonpolar	mg/kg				238	197	170	499	186	271	221

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 20

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value g

- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

Table 2
William Street Park
Site Characterization Report
Validated Surface Soil Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID Start Depth Sample ID Sample Type Matrix Lab Sample ID Sampled WSP-SS-15	WSP-SS-16
					0 - 2 in WSP-SS-15_0.0-2.0-20201120 N SO 480-178605-2 11/20/2020	0 - 2 in WSP-SS-16_0.0-2.0-20201120 N SO 480-178605-1 11/20/2020
INORGANICS						
Aluminum	mg/kg				12200	12300
Arsenic	mg/kg	13	16		7.2	8.7
Barium	mg/kg	350	400		125	136
Beryllium	mg/kg	7.2	590		0.57	0.59
Boron	mg/kg				7	5.3
Cadmium	mg/kg	2.5	9.3		0.13 J	0.62
Calcium	mg/kg				3010	2860
Chromium, Total	mg/kg	30	1500		15.9	14.5
Cobalt	mg/kg				9.6	9.9
Copper	mg/kg	50	270		15.9	25.9
Iron	mg/kg				21100	20400
Lead	mg/kg	63	1000		25.6	124
Magnesium	mg/kg				3260	2780
Manganese	mg/kg	1600	10000		551	712
Mercury	mg/kg	0.18	2.8		0.046	0.17
Nickel	mg/kg	30	310		21.6	21.2
Potassium	mg/kg				2370	1960
Selenium	mg/kg	3.9	1500		2.3 J	2.5 J
Silver	mg/kg	2	1500		0.27 J	0.3 J
Sodium	mg/kg				48 J	52.2 J
Vanadium	mg/kg				18.6	19
Zinc	mg/kg	109	10000		71.6	121
Chromium III	mg/kg				15.9	14.5
TCLP METALS						
Arsenic	mg/l			5	ND	0.0068 J
Barium	mg/l			100	0.31 J	0.33 J
Cadmium	mg/l			1	ND	0.0012 J
Lead	mg/l			5	ND	0.011 J
VOLATILE ORGANIC COMPOUNDS						
Acetone	ug/kg	50	500000		ND	ND
Methyl Acetate	ug/kg				ND	ND
Trichloroethylene (TCE)	ug/kg	470	200000		ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS						
Acenaphthene	ug/kg	20000	500000		ND	ND
Acenaphthylene	ug/kg	100000	500000		ND	ND
Anthracene	ug/kg	100000	500000		ND	350 J
Benzo(A)Anthracene	ug/kg	1000	5600		ND	790 J
Benzo(A)Pyrene	ug/kg	1000	1000		37 J	820 J
Benzo(B)Fluoranthene	ug/kg	1000	5600		38 J	920 J
Benzo(G,H,I)Perylene	ug/kg	100000	500000		ND	460 J
Benzo(K)Fluoranthene	ug/kg	800	56000		ND	480 J
Bis(2-Ethylhexyl) Phthalate	ug/kg				ND	ND
Carbazole	ug/kg				ND	ND
Chrysene	ug/kg	1000	56000		ND	740 J
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	ND
Dibenzofuran	ug/kg	7000	350000		ND	ND
Di-N-Butyl Phthalate	ug/kg				ND	ND
Di-N-Octylphthalate	ug/kg				ND	ND
Fluoranthene	ug/kg	100000	500000		42 J	1700
Fluorene	ug/kg	30000	500000		ND	180 J
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		ND	390 J
Phenanthrene	ug/kg	100000	500000		ND	850 J
Pyrene	ug/kg	100000			33 J	1500
PFAS						
Perfluorobutanesulfonic acid (PFBS)	ug/kg				ND	ND
Perfluorobutanoic Acid	ug/kg				0.3	0.2 J
Perfluorodecane Sulfonic Acid	ug/kg				ND	ND
Perfluorodecanoic acid (PFDA)	ug/kg				0.064 J	0.058 J
Perfluorododecanoic acid (PFDoA)	ug/kg				ND	ND
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.13 J	0.087 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				ND	ND
Perfluorohexanoic acid (PFHxA)	ug/kg				0.13 J	ND
Perfluorononanoic acid (PFNA)	ug/kg				0.14 J	0.13 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]		0.82	0.43 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]		0.28	0.17 J
Perfluoropentanoic Acid (PFPeA)	ug/kg				ND	ND
Perfluorotetradecanoic acid (PFTA)	ug/kg				ND	ND
Perfluorotridecanoic Acid (PFTriA)	ug/kg				ND	ND
Perfluoroundecanoic Acid (PFUnA)	ug/kg				0.052 J	0.052 J
PESTICIDES						

Table 2
William Street Park
Site Characterization Report
Validated Surface Soil Data - Detected Compounds

				Location ID	WSP-SS-15	WSP-SS-16
				Start Depth	0 - 2 in	0 - 2 in
				Sample ID	WSP-SS-15_0.0-2.0-20201120	WSP-SS-16_0.0-2.0-20201120
				Sample Type	N	N
				Matrix	SO	SO
				Lab Sample ID	480-178605-2	480-178605-1
				Sampled	11/20/2020	11/20/2020
Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]		
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000		1.2 J	ND
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000		ND	ND
Endrin	ug/kg	14	89000		ND	ND
Endrin Aldehyde	ug/kg				ND	ND
Endrin Ketone	ug/kg				ND	ND
Gamma Bhc (Lindane)	ug/kg	100	9200		ND	ND
Methoxychlor	ug/kg				ND	ND
P,P'-DDD	ug/kg	3.3	92000		ND	ND
P,P'-DDE	ug/kg	3.3	62000		ND	ND
P,P'-DDT	ug/kg	3.3	47000		0.89 J	ND
HERBICIDES (No Detections)						
PCBS						
PCB-1260 (Aroclor 1260)	mg/kg	0.1	1		ND	0.15 J
TPH						
Sgt Hem (Oil And Grease - Nonpolar	mg/kg				152	506

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2(

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value g

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

- Value exceeds RCRA regulatory limits

Table 3
William Street Park
Site Characterization Report
Validated Subsurface Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID: WSP-SB-01	WSP-SB-01	WSP-SB-01	WSP-SB-01	WSP-SB-01	WSP-SB-01
					Depth: 0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 4 ft	5 - 7 ft	9.2 - 10.2 ft
					Sample ID: WSP-SB-01_0.0-0.5	WSP-SB-01_0.5-1.0	WSP-SB-01_1.0-2.0	WSP-SB-01_2.0-4.0	WSP-SB-01_5.0-7.0	WSP-SB-01_9.2-10.2
					Sample Type: N	N	N	N	N	N
					Matrix: SO	SO	SO	SO	SO	SO
					Lab Sample ID: 480-177732-1	480-177732-2	480-177732-3	480-177732-4	480-177732-5	480-177732-6
					Sampled: 11/5/2020	11/5/2020	11/5/2020	11/5/2020	11/5/2020	11/5/2020
INORGANICS										
Aluminum	mg/kg				13600	14300	13500	10200	10700	14400
Antimony	mg/kg				ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	13	16		9.4	9.2	10.1	15.2	16.5	8.3
Barium	mg/kg	350	400		156	136	154	305	357	208
Beryllium	mg/kg	7.2	590		0.65	0.62	0.61	0.85	0.7	0.57
Boron	mg/kg				5.2	4.4	3.7	6.7	7.5	3.7
Cadmium	mg/kg	2.5	9.3		0.52	0.23	0.43	2.2	2	0.15 J
Calcium	mg/kg				2290	1730	3560	28000	12100	1580
Chromium, Total	mg/kg	30	1500		17.3	17.7	17.3	57.5	72.1	16.4
Cobalt	mg/kg				11.4	12.2	11.2	10.2	10.5	8.8
Copper	mg/kg	50	270		25.2	34.2	35.2	103	84.8	10.1
Iron	mg/kg				24500	28700	31300	32000	50800	20100
Lead	mg/kg	63	1000		56.7	31.4	80.9	548	886	9.6
Magnesium	mg/kg				3170	4150	3680	2860	2500	2640
Manganese	mg/kg	1600	10000		622	456	455	420	492	476
Mercury	mg/kg	0.18	2.8		0.066	0.036	0.069	0.42	0.34	0.034
Nickel	mg/kg	30	310		25	28.8	28	28.8	30.1	21.8
Potassium	mg/kg				1930	1790	1550	1330	1440	1490
Selenium	mg/kg	3.9	1500		ND	ND	ND	1 J	2.2 J	ND
Silver	mg/kg	2	1500		ND	ND	ND	0.32 J	0.26 J	ND
Sodium	mg/kg				114 J	96.1 J	78.4 J	206	163 J	52.4 J
Thallium	mg/kg				ND	ND	ND	ND	ND	ND
Vanadium	mg/kg				20.1	20.9	20.7	24.8	26.7	19.3
Zinc	mg/kg	109	10000		108	94.4	136	425	430	53.6
Chromium III	mg/kg							57.5		
Chromium, Hexavalent	mg/kg							ND		
Cyanide	mg/kg	27	27					ND		
TCLP METALS										
Arsenic	mg/l			5	ND	ND	ND	ND	ND	ND
Barium	mg/l			100	0.49 J	0.6 J	1.5	0.9 J	1.5	0.42 J
Cadmium	mg/l			1	0.0013 J	0.0012 J	0.007	0.014	0.021	ND
Chromium, Total	mg/l			5	ND	ND	ND	ND	ND	ND
Lead	mg/l			5	0.005 J	0.0064 J	0.064	0.17	0.58	ND
Mercury	mg/l			0.2	ND	ND	ND	ND	ND	ND
Selenium	mg/l			1	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS										
Acetone	ug/kg	50	500000					ND		
Methylene Chloride	ug/kg	50	500000					ND		
SEMI-VOLATILE ORGANIC COMPOUNDS										
2-Methylnaphthalene	ug/kg				ND	ND	ND	ND	ND	ND
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	100000	500000		ND	ND	26 J	260 J	ND	ND
Anthracene	ug/kg	100000	500000		ND	ND	ND	ND	540 J	ND
Benzo(A)Anthracene	ug/kg	1000	5600		ND	30 J	75 J	1100 J	1200 J	ND
Benzo(A)Pyrene	ug/kg	1000	1000		ND	41 J	98 J	1100 J	1100 J	ND
Benzo(B)Fluoranthene	ug/kg	1000	5600		190 J	56 J	110 J	1300 J	1600 J	ND
Benzo(G,H,I)Perylene	ug/kg	100000	500000		ND	20 J	63 J	990 J	970 J	ND
Benzo(K)Fluoranthene	ug/kg	800	56000		ND	ND	45 J	660 J	ND	ND
Biphenyl (Diphenyl)	ug/kg				ND	ND	ND	ND	ND	ND
Carbazole	ug/kg				ND	ND	ND	ND	ND	ND
Chrysene	ug/kg	1000	56000		ND	ND	72 J	1200 J	1100 J	ND
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	ND	ND	ND	ND	ND
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000		190 J	69 J	150 J	1700 J	2500	ND
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND	250 J	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		ND	ND	46 J	880 J	800 J	ND
Naphthalene	ug/kg	12000	500000		ND	ND	ND	ND	ND	ND
Phenanthrene	ug/kg	100000	500000		ND	ND	82 J	760 J	1700 J	ND
Pyrene	ug/kg	100000			ND	45 J	120 J	1300 J	1700 J	ND
PFAS										
Perfluorobutanoic Acid	ug/kg							ND		
Perfluoroheptanoic acid (PFHpA)	ug/kg							ND		
Perfluorohexanesulfonic acid (PFHxS)	ug/kg							ND		
Perfluorohexanoic acid (PFHxA)	ug/kg							ND		
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]					ND		
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]					ND		
Perfluoropentanoic Acid (PFPeA)	ug/kg							ND		
PESTICIDES										
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000					ND		
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000					ND		
Dieldrin	ug/kg	5	1400					ND		
Endosulfan Sulfate	ug/kg	2400	200000					ND		
Endrin Ketone	ug/kg							ND		
Gamma Bhc (Lindane)	ug/kg	100	9200					ND		
Methoxychlor	ug/kg							ND		
P,P'-DDD	ug/kg	3.3	92000					ND		
P,P'-DDE	ug/kg	3.3	62000					ND		
P,P'-DDT	ug/kg	3.3	47000					17 J		
HERBICIDES										
Dinoseb	ug/kg							ND		
PCBS (No Detections)										
TPH										
Sgt Hem (Oil And Grease - Nonpolar	mg/kg							4440		

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 3
William Street Park
Site Characterization Report
Validated Subsurface Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID	WSP-SB-02	WSP-SB-02	WSP-SB-02	WSP-SB-02	WSP-SB-02	WSP-SB-02	WSP-SB-02	WSP-SB-03	WSP-SB-03	WSP-SB-03	WSP-SB-03	WSP-SB-03	WSP-SB-03	WSP-SB-04	WSP-SB-04	WSP-SB-04	WSP-SB-04
					Depth	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	1 - 2 ft	3 - 5 ft	6 - 7 ft	8 - 10 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	1 - 4 ft	2.5 - 3.5 ft	3.5 - 4 ft	11.5 - 13.5 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	4 - 6 ft
					Sample ID	WSP-SB-02_0.0-0.5	WSP-SB-02_0.5-1.0	WSP-SB-02_1.0-2.0	WSP-SB-02_1.0-2.0_DUP	WSP-SB-02_3.0-5.0	WSP-SB-02_6.0-7.0	WSP-SB-02_8.0-10.0	WSP-SB-03_0.0-0.5	WSP-SB-03_0.5-1.0	WSP-SB-03_1.0-2.0	WSP-SB-03_1.0-4.0	WSP-SB-03_2.5-3.5	WSP-SB-03_3.5-4.0	WSP-SB-03_11.5-13.5	WSP-SB-04_0.0-0.5	WSP-SB-04_0.5-1.0	WSP-SB-04_1.0-2.0	WSP-SB-04_4.0-6.0
					Sample Type	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
					Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
					Lab Sample ID	480-178216-3	480-178216-4	480-178216-5	480-178216-6	480-178216-7	480-178216-8	480-178216-9	480-177850-3	480-177850-4	480-178148-1	480-177850-5	480-178148-2	480-178148-3	480-177850-6	480-177850-13	480-177850-14	480-177850-15	480-177850-16
					Sampled	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/3/2020	11/3/2020	11/11/2020	11/3/2020	11/11/2020	11/11/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
INORGANICS																						
Aluminum	mg/kg				13300	11200	8890	9540	8030	15600	12800	10100	8220	8970	9390	8390	11500	13500	12100	11100	10000	7450
Antimony	mg/kg				ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	1.4 J	ND	ND	2.6 J	ND	2.7 J	5.1 J	2.3 J	ND
Arsenic	mg/kg	13	16		7.5	6.6	13	11.7	17	5.5	4.8	8.5	19.6	24	26.8	11.5	18.3	9.6	25.2	29.3	28.8	10
Barium	mg/kg	350	400		156 J+	190 J+	411 J+	320 J+	583 J+	216 J+	120 J+	123	204	222	234	190	420	119	478	541	700	452
Beryllium	mg/kg	7.2	590		0.62	0.75	0.76	0.71	0.77	0.65	0.55	0.49	1.1	0.78	1.1	1.2	0.8	0.91	1	0.97	0.96	0.71
Boron	mg/kg				5.5	4.1	9.2	5.3	6.9	6.2	4.1	6.1	6.3	6.6	10.7	6.6	5.8	3.9	8.8	18	9.8	3.8
Cadmium	mg/kg	2.5	9.3		0.75	0.55	1.4	1.5	0.96	0.14 J	0.11 J	2.1	6.8	13.5	2.5	1.3	0.59	0.14 J	5.9	5.8	8.1	1.1
Calcium	mg/kg				2020	1900	4950 J	10600 J	9120	2810	1550	3400	2860	5190	7300	7690	8770	1530	3950	3850	5130	3020
Chromium, Total	mg/kg	30	1500		16.6	15.2	22.2	20.9	21.9	17.3	14.2	12.9	16	14.7	17.8	13.5	23.8	15.3	32.1	34.4	33.4	23.9
Cobalt	mg/kg				9.3	10.4	9.5	9.3	7.6	9.9	9	8.4	8.2	7.4	9.4	8.8	8.9	10.2	22.2	12.6	13.1	9.4
Copper	mg/kg	50	270		17.3	25.5	185	128	106	12.8	11	19.9	133	76.3	40.9	170	65	13	184	213	196	77
Iron	mg/kg				18300 J+	14900 J+	17000 J+	18900 J+	21600 J+	20300 J+	18200 J+	17600	21800	18500	18000	7000	20400	23700	38900	55700	55000	15600
Lead	mg/kg	63	1000		99.4	318	502	404	650	13.6	11.9	142	759	966	208	116	1510	27.4	1560	1360	2300	479
Magnesium	mg/kg				2790 J+	1800 J+	1690 J+	1860 J+	1430 J+	3020 J+	2900 J+	2830	918	1190	1070	536	2340	2650	1880	1480	1380	549
Manganese	mg/kg	1600	10000		549	338	321	522	387	540	584	416	337	280	396	226	359	184	701	662	3270	203
Mercury	mg/kg	0.18	2.8		0.1	0.062	0.45	0.37	0.31	0.035	0.022	0.071	0.31 J	0.26	0.27	0.03	0.38	0.027	0.48	0.64	0.72	0.26
Nickel	mg/kg	30	310		22.4	24.2	43.1	40.5	24.6	25	20.5	19.3	20.5	17.5	23	18.4	21.7	23.9	38.6	36	39.8	20.4
Potassium	mg/kg				1980	1550	1460	1390	1230	1910	1250	1620	853	968	1110	1040	1270	1420	2040	1670	1640	916
Selenium	mg/kg	3.9	1500		1.4 J	0.68 J	1.3 J	1.1 J	1.4 J	0.98 J	0.97 J	ND	2.7 J	1.1 J	1.8 J	1 J	0.55 J	ND	2.5 J	2.4 J	2 J	ND
Silver	mg/kg	2	1500		0.28 J	0.37 J	1.2	0.76	0.65 J	0.24 J	0.23 J	0.21 J	0.3 J	0.4 J	0.36 J	0.27 J	0.66 J	0.34 J	0.98	0.95	1.4	0.94
Sodium	mg/kg				81.6 J	130 J	224	195	185	128 J	110 J	66 J	173	245	268	318	195	60.1 J	172 J	254	312	223
Thallium	mg/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.57 J	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg				21.3	24.4	29.1	27.4	18.4	21.7	17.8	16.3	26.8	22.1	30.9	28.7	25.4	23.4	31.7	31.6	29.7	25.1
Zinc	mg/kg	109	10000		128	167	522	507	328	69.9	54.3	117	736	332	685	405	563	57.9	1250	1250	1940	378
Chromium III	mg/kg								21.9						17.8						33.4	
Chromium, Hexavalent	mg/kg								ND						ND						ND	
Cyanide	mg/kg	27	27						ND						ND						0.58 J	
TCLP METALS																						
Arsenic	mg/l			5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.025	0.018	0.011 J	0.0067 J	ND	0.016	0.018	0.013 J	0.02
Barium	mg/l			100	0.33 J	0.53 J	1.4	1.3	1.1	0.25 J	0.32 J	0.75 J	0.71 J	0.74 J	0.49 J	0.75 J	0.32 J	0.33 J	2	1.8	1.8	0.68 J
Cadmium	mg/l			1	0.0023	0.0033	0.0091	0.008	0.0091	ND	ND	0.0079	0.046	0.069	0.035	0.011	0.0085 J	ND	0.014	0.024	0.039	0.006
Chromium, Total	mg/l			5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.016 J	ND	ND	ND
Lead	mg/l			5	0.0086 J	1.1	0.79 J	0.21 J	0.87	ND	ND	0.016 J	0.77	0.25	0.089	0.023	1.9	0.018 J	0.44	0.86	1	0.29
Mercury	mg/l			0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00017 J	ND	ND	ND
Selenium	mg/l			1	ND	ND	ND	ND	ND	0.015 J	0.018 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS																						
Acetone	ug/kg	50	500000						ND						12 J						ND	
Methylene Chloride	ug/kg	50	500000						ND						ND						ND	
SEMI-VOLATILE ORGANIC COMPOUNDS																						
2-Methylnaphthalene	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48 J	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	100000	500000		ND	ND	ND	ND	ND	ND	ND	ND	87 J	ND	ND	ND	410 J	ND	ND	ND	47 J	ND
Anthracene	ug/kg	100000	500000		ND	ND	ND	ND	ND	ND	ND	ND	140 J	ND	53 J	ND	270 J	ND	ND	ND	210	ND
Benzo(A)Anthracene	ug/kg	1000	5600		ND	ND	ND	ND	97 J	ND	ND	ND	650	1100	250	69 J	880 J	ND	520 J	550 J	740	ND
Benzo(A)Pyrene	ug/kg	1000	1000		ND	ND	ND	270 J	160 J	ND	ND	ND	860	1300	290	79 J	1200	ND	600 J	710 J	780	ND
Benzo(B)Fluoranthene	ug/kg	1000	5600		ND	ND	310 J	290 J	210 J	ND	ND	ND	290 J	1100	2100	400	140 J	1300	ND	750 J	840 J	1000	ND
Benzo(G,H,I)Perylene	ug/kg	100000	500000		ND	ND	ND	260 J	150 J	ND	ND	ND	220 J	750	1100	290	110 J	910 J	ND	430 J	460 J	510	ND
Benzo(K)Fluoranthene	ug/kg	800	56000		ND	ND	ND	ND	ND	ND	ND	ND	ND	670	1000	140 J	44 J	730 J	ND	330 J	440 J	370	ND
Biphenyl (Diphenyl)	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	47 J	ND	ND	ND	210 J	ND	ND	ND	82 J	ND
Chrysene	ug/kg	1000	56000		ND	ND	ND	ND	ND	ND	ND	ND	640	1100	320	110 J	1200	ND	560 J	590 J	750	ND
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	ND	ND	ND	ND	ND	ND	ND	240	310 J	95 J	42 J	270 J	ND	ND	ND	170 J	ND
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	ND	ND	ND	ND	36 J	ND	ND	ND	130 J	ND	ND	ND	34 J	ND
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000		130 J	140 J	270 J	300 J	240 J	ND	ND	350 J	1100	1700	520	83 J	2500	ND	930 J	810 J	1400	ND
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND	ND	ND	ND	ND	26 J	ND	24 J	ND	210 J	ND	ND	ND	39 J	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		ND	ND	ND	ND	110 J	ND	ND	250 J	760	1000	230	79 J	770 J	ND	410 J	460 J	500	ND
Naphthalene	ug/kg	12000	500000		ND	ND	ND	ND	ND	ND	ND	ND	30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ug/kg	100000	500000		ND	ND	ND	ND	ND	ND	ND	ND	500	730 J	330	ND	2300	ND	420 J	300 J	780	ND
Pyrene	ug/kg	100000			ND	ND	ND	ND	180 J	ND	ND	280 J	800	1200	440	64 J	2200	ND	780 J	700 J	1100	ND
PFAS																						
Perfluorobutanoic Acid	ug/kg								ND						0.22						0.21 J	
Perfluoroheptanoic acid (PFHpA)	ug/kg								ND						ND						0.042 J	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								ND						ND						0.037 J	
Perfluorohexanoic acid (PFHxA)	ug/kg								ND						ND						0.05 J	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[3]	440[4]						ND						ND						ND	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]						ND						ND						0.14 J	
Perfluoropentanoic Acid (PFPeA)	ug/kg								ND						ND						0.097 J	
PESTICIDES																						
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000						ND						ND						ND	
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000						ND						ND						ND	
Dieldrin	ug/kg	5	1400						ND						ND						ND	
Endosulfan Sulfate	ug/kg	2400	200000						ND						ND						3.6 J	
Endrin Ketone	ug/kg								ND						4.5 J						4.2 J	
Gamma Bhc (Lindane)	ug/kg	100	9200						ND						ND						ND	
Methoxychlor	ug/kg								ND						22 J						14	
P,P'-DDD	ug/kg	3.3	92000						ND						ND						ND	
P,P'-DDE	ug/kg	3.3	62000						ND						ND						ND	
P,P'-DDT	ug/kg	3.3	47000						8 J						7.8 J						10	
HERBICIDES																						
Dinoseb	ug/kg								ND						13 J						ND	
PCBS (No Detections)																						
TPH																						
Sgt Hem (Oil And Grease - Nonpolar	mg/kg								264						163						131	

Notes:
[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6
[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24
[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium
[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.
N = normal sample; FD = field duplicate; SO = soil; "-" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimate
- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 3
William Street Park
Site Characterization Report
Validated Subsurface Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID	WSP-SB-04	WSP-SB-04	WSP-SB-05	WSP-SB-05	WSP-SB-05	WSP-SB-05	WSP-SB-05	WSP-SB-05	WSP-SB-06	WSP-SB-06	WSP-SB-06	WSP-SB-06	WSP-SB-06	WSP-SB-06	WSP-SB-07	WSP-SB-07	WSP-SB-07
					Depth	8 - 10 ft	15 - 17 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	4 - 6 ft	10 - 11 ft	12 - 13 ft	14 - 16 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	2 - 3.5 ft	4 - 5 ft	9 - 10 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
					Sample ID	WSP-SB-04_8.0-10.0	WSP-SB-04_15.0-17.0	WSP-SB-05_0.0-0.5	WSP-SB-05_0.5-1.0	WSP-SB-05_1.0-2.0	WSP-SB-05_4.0-6.0	WSP-SB-05_10.0-11.0	WSP-SB-05_12.0-13.0	WSP-SB-05_14.0-16.0	WSP-SB-06_0.0-0.5	WSP-SB-06_0.5-1.0	WSP-SB-06_1.0-2.0	WSP-SB-06_2.0-3.5	WSP-SB-06_4.0-5.0	WSP-SB-06_9.0-10.0	WSP-SB-07_0.0-0.5	WSP-SB-07_0.5-1.0	WSP-SB-07_1.0-2.0
					Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
					Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
					Lab Sample ID	480-177850-1	480-177850-2	480-177888-4	480-177888-5	480-177888-6	480-177888-7	480-177888-8	480-177888-9	480-177888-10	480-177888-11	480-177888-12	480-177888-13	480-177888-14	480-177888-15	480-177888-16	480-178077-8	480-178077-9	480-178077-13
					Sampled	11/3/2020	11/3/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/6/2020	11/4/2020	11/4/2020	11/4/2020
INORGANICS																						
Aluminum	mg/kg				6760 J	9350	12000	12200	12600	9030	8010	15500	9210	11800	12000	9320	10600 J	12400	17200	11300	12700	14100
Antimony	mg/kg				ND	ND	ND	ND	ND	ND	1.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	13	16		15.4 J	4.6	8.4	8.3	12.2	12.9	20.3	7.3	6.7	9.1	7.6	9.4	5.9	5	7.9	9.2	8.3	8.2
Barium	mg/kg	350	400		358	85.4	125	121	287	117	217	72.5	46.9	115	113	295	106 J	85.9	64.5	112	143	165
Beryllium	mg/kg	7.2	590		0.59	0.4	0.57	0.53	0.7	0.48	0.43	0.59	0.39	0.54	0.53	0.6	0.52	0.51	0.74	0.57	0.51	0.58
Boron	mg/kg				7.2	3.5	4.7	3.8	6.8	7.7	14.5	7.1	7.2	4.2	4.1	4.9	3.5	3.5	4.3	6	3.8	3.5
Cadmium	mg/kg	2.5	9.3		1.8	0.11 J	0.55	0.73	1.6	4	15.4	0.11 J	0.23	0.44	0.43	0.56	0.15 J	0.094 J	0.11 J	0.11 J	ND	ND
Calcium	mg/kg				3670	1200	2670	3920	7710	4040	16600	1340	956	2180	2270	8040	2760 J	1380	932	5710	4400	1030
Chromium, Total	mg/kg	30	1500		24 J	11.1	14.7	15.5	16.9	12.9	11.9	16.2	9.7	14.9	14.3	16.8	13.4 J	13.3	17.5	14.3	15.3	15.6
Cobalt	mg/kg				12.2 J	6.8	9.2	9.4	9.4	7.4	6.1	9.8	6.5	9.5	8.9	8	8.5	8.5	11.6	9.3	11.3	11.8
Copper	mg/kg	50	270		230	9.5	25.2	24.9	35.9	23.2	34.2	13.7	20	23.4	23.3	47.7	23 J	10.1	19.5	22.5	29.8	24.9
Iron	mg/kg				82500	11700	20500	23300	22600	17700	12500	22100	16400	21100	20700	16900	15900 J	17400	25500	20600	26500	26600
Lead	mg/kg	63	1000		867	11.3	104	93.5	345	1350	3070	28.9	100	109	102	421	490	23.7	13.1	53.2	20.6	17.6
Magnesium	mg/kg				937	2140	2900	3310	3000	2290	1930	3140	2130	2800	2910	2350	2210	2560	3350	4420	4250	3420
Manganese	mg/kg	1600	10000		935	123	526	444	426	327	292	440	645	505	459	414	503 J	434	627	519	472	426
Mercury	mg/kg	0.18	2.8		4.9	0.29	0.17	0.21	0.31	0.25	0.22	0.035	0.017 J	0.099	0.099	0.14	0.33 J	0.064	0.016 J	0.056	0.021	0.017 J
Nickel	mg/kg	30	310		28.4 J	16.4	21.3	22.7	22	16.5	13.3	21	15.2	20.5	20.7	17.8	17.2	17.6	25.9	26.8	26.2	25.1
Potassium	mg/kg				995 J	1140	1580	1270	1570	1280	1280	1740	1410	1750	1580	1420	1380 J	1650	1680	1850	1540	1530
Selenium	mg/kg	3.9	1500		2.1 J	ND	0.68 J	0.54 J	ND	0.67 J	1.7 J	ND	ND	0.7 J	0.54 J	ND	ND	ND	0.58 J	2.3 J	2.5 J	2.4 J
Silver	mg/kg	2	1500		0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33 J	ND	ND	ND	ND	0.22 J	0.3 J
Sodium	mg/kg				171	32.5 J	53 J	46.8 J	100 J	132 J	228	67.9 J	68.5 J	42.9 J	43.7 J	90.5 J	58.9 J	40 J	42.6 J	56.1 J	53.1 J	41.3 J
Thallium	mg/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg				31.9	13.9	18.2	18.5	20.2	15.3	16.4	21.7	14.5	18.2	18.2	17.5	17	17.2	24.8	18.7	19.3	20.2
Zinc	mg/kg	109	10000		1300	50.8	101	109	172	140	252	53.8	61.7	97	93.2	277	76.8 J	49.8	64.1	84	81.4	75.6
Chromium III	mg/kg										11.9						13.4					
Chromium, Hexavalent	mg/kg										ND						ND					
Cyanide	mg/kg	27	27								ND						ND					
TCLP METALS																						
Arsenic	mg/l			5	ND	0.018	0.0087 J	0.0077 J	0.0057 J	ND	0.0065 J	ND	ND	0.0068 J	ND	0.0079 J	0.02	ND	0.0059 J	ND	ND	ND
Barium	mg/l			100	0.96 J	0.61 J	0.55 J	0.73 J	1	1.2	0.82 J	0.16 J	0.22 J	0.42 J	0.5 J	1.5	0.56 J	0.28 J	0.2 J	0.81 J	1.1	0.81 J
Cadmium	mg/l			1	0.032	0.00091 J	0.002	0.0043	0.021	0.065	0.37	0.00055 J	0.0026	0.0012 J	0.0014 J	0.0032	0.00064 J	ND	ND	0.0021	0.00077 J	ND
Chromium, Total	mg/l			5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	mg/l			5	2.9	0.016 J	0.044	0.033	0.38	5.7	47.8	0.0091 J	0.051	0.031	0.02	0.19	0.081	0.0044 J	0.003 J	0.0092 J	0.0032 J	ND
Mercury	mg/l			0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	mg/l			1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS																						
Acetone	ug/kg	50	500000								ND						ND					
Methylene Chloride	ug/kg	50	500000								ND						ND					
SEMI-VOLATILE ORGANIC COMPOUNDS																						
2-Methylnaphthalene	ug/kg				ND	ND	ND	ND	110 J	47 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	100000	500000		ND	ND	ND	190 J	380	180	770 J	ND	ND	ND	ND	460 J	ND	ND	ND	ND	ND	ND
Anthracene	ug/kg	100000	500000		680 J	130 J	ND	ND	310	170 J	1600 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene	ug/kg	1000	5600		2000	300	300 J	400 J	1100	530	4400	ND	ND	ND	ND	550 J	ND	ND	ND	280 J	ND	ND
Benzo(A)Pyrene	ug/kg	1000	1000		1700 J	270	380 J	530 J	1300	630	4600	ND	39 J	300 J	180 J	860 J	ND	ND	ND	440 J	31 J	ND
Benzo(B)Fluoranthene	ug/kg	1000	5600		2100	300	430 J	790 J	1800	760	5000	ND	34 J	420 J	250 J	1100	ND	ND	ND	560 J	37 J	ND
Benzo(G,H,I)Perylene	ug/kg	100000	500000		1100 J	150 J	330 J	490 J	890	490	3200	28 J	32 J	240 J	130 J	830 J	ND	ND	ND	280 J	20 J	ND
Benzo(K)Fluoranthene	ug/kg	800	56000		920 J	140 J	170 J	ND	690	380	2400	ND	ND	ND	ND	370 J	ND	ND	ND	280 J	ND	ND
Biphenyl (Diphenyl)	ug/kg				ND	ND	ND	ND	28 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ug/kg				300 J	82 J	ND	ND	130 J	67 J	430 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ug/kg	1000	56000		2000	300	310 J	450 J	1000	480	3700	ND	ND	ND	ND	620 J	ND	ND	ND	340 J	ND	ND
Dibenz(A,H)Anthracene	ug/kg	330	560		400 J	57 J	ND	ND	230	110 J	850 J	ND	ND	ND	ND	240 J	ND	ND	ND	ND	ND	ND
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	140 J	65 J	520 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000		3900	640	690 J	860 J	2200	1100	9400	26 J	61 J	370 J	200 J	630 J	24 J	26 J	ND	850 J	46 J	ND
Fluorene	ug/kg	30000	500000		ND	45 J	ND	ND	250	110 J	930 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		980 J	140 J	300 J	440 J	940	460	3000	ND	29 J	220 J	140 J	740 J	ND	ND	ND	250 J	ND	ND
Naphthalene	ug/kg	12000	500000		ND	ND	ND	720 J	130 J	58 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ug/kg	100000	500000		2600	520	330 J	490 J	1100	590	6100	ND	29 J	180 J	ND	140 J	ND	ND	ND	270 J	ND	ND
Pyrene	ug/kg	100000			2900	460	480 J	680 J	1500	780	6600	ND	52 J	370 J	160 J	530 J	ND	ND	ND	610 J	27 J	ND
PFAS																						
Perfluorobutanoic Acid	ug/kg										ND						ND					
Perfluoroheptanoic acid (PFHpA)	ug/kg										ND						ND					
Perfluorohexanesulfonic acid (PFHxS)	ug/kg										ND						ND					
Perfluorohexanoic acid (PFHxA)	ug/kg										ND						ND					
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[3]	440[4]								ND						ND					
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]								ND						ND					
Perfluoropentanoic Acid (PFPeA)	ug/kg										ND						ND					
PESTICIDES																						
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000								ND						0.77 J					
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000								7.3 J						0.47 J					
Dieldrin	ug/kg	5	1400								ND						ND					
Endosulfan Sulfate	ug/kg	2400	200000								ND						ND					
Endrin Ketone	ug/kg										ND						ND					
Gamma Bhc (Lindane)	ug/kg	100	9200								13 J						0.37 J					
Methoxychlor	ug/kg										ND						ND					
P,P'-DDD	ug/kg	3.3	92000								ND						ND					
P,P'-DDE	ug/kg	3.3	62000								ND						ND					
P,P'-DDT	ug/kg	3.3	47000								20 J						0.55 J					
HERBICIDES																						
Dinoseb	ug/kg										ND						ND					
PCBS (No Detections)																						
TPH																						
Sat Hem (Oil And Grease - Nonpolar	mg/kg										353						195 J					

Notes:
[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6
[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24
[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium
[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.
N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimate
- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 3
William Street Park
Site Characterization Report
Validated Subsurface Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	WSP-SB-07 2 - 6 ft WSP-SB-07_2.0-6.0 N SO 480-178077-10 11/4/2020	WSP-SB-07 8 - 11 ft WSP-SB-07_8.0-11.0 N SO 480-178077-11 11/4/2020	WSP-SB-08 0 - 0.5 ft WSP-SB-08_0.0-0.5 N SO 480-177732-7 11/5/2020	WSP-SB-08 0.5 - 1 ft WSP-SB-08_0.5-1.0 N SO 480-177732-8 11/5/2020	WSP-SB-08 2 - 3 ft WSP-SB-08_2.0-3.0 N SO 480-177732-10 11/5/2020	WSP-SB-08 2 - 3 ft WSP-SB-08_2.0-3.0 DUP FD SO 480-177732-11 11/5/2020	WSP-SB-08 9 - 10 ft WSP-SB-08_9.0-10.0 N SO 480-177732-13 11/5/2020	WSP-SB-08A 1 - 2 ft WSP-SB-08A_1.0-2.0 N SO 480-178216-1 11/13/2020	WSP-SB-08A 3 - 5 ft WSP-SB-08A_3.0-5.0 N SO 480-178216-2 11/13/2020	WSP-SB-09 0 - 0.5 ft WSP-SB-09_0.0-0.5 N SO 480-177850-7 11/3/2020	WSP-SB-09 0.5 - 1 ft WSP-SB-09_0.5-1.0 N SO 480-177850-8 11/3/2020	WSP-SB-09 1 - 2 ft WSP-SB-09_1.0-2.0 N SO 480-177850-9 11/3/2020	WSP-SB-09 2 - 4 ft WSP-SB-09_2.0-4.0 N SO 480-177850-10 11/3/2020	WSP-SB-09 10 - 12 ft WSP-SB-09_10.0-12.0 N SO 480-177850-11 11/3/2020	WSP-SB-09 12 - 14 ft WSP-SB-09_12.0-14.0 N SO 480-177850-12 11/3/2020	WSP-SB-10 0 - 0.5 ft WSP-SB-10_0.0-0.5 N SO 480-178077-1 11/4/2020	WSP-SB-10 0.5 - 1 ft WSP-SB-10_0.5-1.0 N SO 480-178077-2 11/4/2020	WSP-SB-10 1 - 2 ft WSP-SB-10_1.0-2.0 N SO 480-178077-3 11/4/2020
INORGANICS																							
Aluminum	mg/kg				13900	17000 J	14800	12700	10200	11100	16100	9910	16300	11900	10000	12000	10800	14500	7840	6470	9860	7680
Antimony	mg/kg				ND	ND	0.8 J	2.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.3 J	ND	2.2 J	0.68 J	
Arsenic	mg/kg	13	16		8.3	9.5	11.7	14.8	29.9	16.8	5.5	19.9	5.4	11	10.1	21.6	39.4	13.2	139	13.7	19.8	17.8	
Barium	mg/kg	350	400		141	163 J	284	303	575	535	151	437 J+	209 J+	168	128	284	202	129	276	120	209	261	
Beryllium	mg/kg	7.2	590		0.56	0.79	0.74	0.77	0.77	0.83	0.74	1	0.66	0.73	0.56	0.81	0.81	0.55	0.35	0.46	0.62	0.95	
Boron	mg/kg				3.4	5.6	5.2	5.7	9.8	7.3	3.5	9.3	4.7	5	3.8	4.4	4.8	6.6	8.5	8.6	10.8	6.5	
Cadmium	mg/kg	2.5	9.3		0.099 J	0.11 J	1	1.6	2.1 J	4.5 J	0.14 J	2.5	0.15 J	1.3	0.64	0.83	1.8	4	197	9.3	18.2	3.5	
Calcium	mg/kg				1710	2460 J	2520	3720	11300	16600	2080	6750	2270	2760	1630	2210	2820	1370	7350	8480	3550	11000	
Chromium, Total	mg/kg	30	1500		17.1	20.8 J	24.3	29.6	41.4	30.5	17.7	27	18	15.9	13	16.8	20.7	15.5	14.2	14.3	18.7	19.2	
Cobalt	mg/kg				12.2	10.7	10.5	10.7	10.5	10.5	10.4	11	10.4	9.2	8	9.8	12.1	8.8	5.6	6.7	7.1	7.9	
Copper	mg/kg	50	270		43.4	29.5	40.7	86.8	93.8	103	16.6	172	14.2	36.8	24.5	41.4	82.9	11.5	33.4	78.3	79.5	73.3	
Iron	mg/kg				29300	25200 J	22500	28000	89800 J	35900 J	20000	49300 J+	20800 J+	17900	15400	13200	30500	17800	15100	33300	26500	17400	
Lead	mg/kg	63	1000		18.3	43.9	623	551	773	1070	13.3	675	14	189	133	146	365	13.8	8870	432	1020	674	
Magnesium	mg/kg				4140	3850 J	2820	2430	2020	2660	3080	1530 J+	3230 J+	2110	1900	1280	1430	2750	1370	3550	1630	1150	
Manganese	mg/kg	1600	10000		456	225 J	604	442	620	528	550	561	765	409	354	339	323	208	323	291	343	254	
Mercury	mg/kg	0.18	2.8		0.012 J	0.068	0.16	0.48	1.2 J	0.49 J	0.02 J	0.66	0.049	0.13	0.18	0.11	0.14	0.04	0.18	0.19	0.66	1	
Nickel	mg/kg	30	310		28.1	28.5	26	27.7	25.4	26.6	25.1	30.6	25.9	21.7	17.6	23.1	29.1	22.2	13	19.7	20.9	21	
Potassium	mg/kg				1530	1890 J	1870	1500	1260	1360	1410	1320	1650	1490	1190	1200	1200	1630	1250	1130	1470	1050	
Selenium	mg/kg	3.9	1500		2.7 J	2.8 J	0.65 J	0.97 J	2.1 J	0.87 J	ND	2.1 J	0.94 J	0.47 J	ND	1.5 J	1 J	ND	3.8 J	4.5 J	5.3	3.7 J	
Silver	mg/kg	2	1500		0.28 J	0.42 J	0.31 J	0.31 J	0.33 J	0.46 J	ND	0.61 J	ND	0.37 J	0.25 J	1.2	0.34 J	0.22 J	0.5 J	0.57 J	0.67	0.73	
Sodium	mg/kg				51 J	68.7 J	67.4 J	137 J	202	262	45.6 J	375	77 J	91.7 J	57.4 J	151 J	221	67.3 J	272	129 J	197	260	
Thallium	mg/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	0.62 J	ND	0.46 J	ND	ND	ND	
Vanadium	mg/kg				20	25 J	24.5	26.5	28.7	27.4	21.1	27.5	22.6	22.1	19	28.3	30.5	19.6	14.5	17.8	21.5	26.5	
Zinc	mg/kg	109	10000		79.7	135 J	252	440	1000	774	65.8	719	71.4	171	127	109	484	117	919	410	607	631	
Chromium III	mg/kg				17.1				41.4	30.5						16.8							
Chromium, Hexavalent	mg/kg				ND				ND	ND						ND							
Cyanide	mg/kg	27	27		ND				ND	ND						ND							
TCLP METALS																							
Arsenic	mg/l			5	ND	0.0056 J	ND	0.011 J	ND	ND	ND	ND	ND	0.0088 J	0.011 J	0.029	0.037	0.014 J	0.048	0.011 J	ND	ND	
Barium	mg/l			100	0.85 J	0.58 J	1	1.9	1.1	1.1	0.34 J	2.1	0.36 J	0.47 J	0.44 J	0.49 J	0.5 J	0.84 J	0.68 J	0.86 J	1.6	0.8 J	
Cadmium	mg/l			1	0.0019 J	0.0018 J	0.0036	0.011	0.039	0.03	ND	0.018	ND	0.0029	0.0026	0.002	0.0032	0.63	5	0.041	0.23	0.092	
Chromium, Total	mg/l			5	ND	0.01 J	ND	ND	ND	ND	ND	ND	ND	0.012 J	0.012 J	ND	ND	ND	ND	ND	ND	ND	
Lead	mg/l			5	0.0032 J	0.023	0.25	0.28	0.59	0.41	ND	1.2	ND	0.051	0.061	0.01 J	0.073	9.4	131	0.28	2.3	0.74	
Mercury	mg/l			0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Selenium	mg/l			1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
VOLATILE ORGANIC COMPOUNDS																							
Acetone	ug/kg	50	500000		ND				ND	ND						ND							
Methylene Chloride	ug/kg	50	500000		ND				ND	ND						ND							
SEMI-VOLATILE ORGANIC COMPOUNDS																							
2-Methylnaphthalene	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	670 J	ND	ND	ND	ND	ND	ND	ND	
Acenaphthylene	ug/kg	100000	500000		ND	ND	ND	ND	61 J	76 J	ND	130 J	ND	ND	ND	ND	83 J	ND	ND	ND	590 J	130 J	
Anthracene	ug/kg	100000	500000		ND	ND	ND	ND	52 J	ND	ND	ND	ND	ND	2300	ND	52 J	ND	ND	ND	510 J	ND	
Benzo(A)Anthracene	ug/kg	1000	5600		ND	34 J	290 J	390 J	210	210	ND	350 J	ND	220 J	12000	46 J	370	ND	290 J	380 J	2200	620 J	
Benzo(A)Pyrene	ug/kg	1000	1000		130 J	62 J	280 J	430 J	270	260	ND	510 J	ND	290 J	12000	44 J	410	580 J	350 J	540 J	2000	720 J	
Benzo(B)Fluoranthene	ug/kg	1000	5600		160 J	62 J	300 J	630 J	380	330	ND	720 J	ND	340 J	14000	86 J	520	880 J	590 J	670 J	3600	890 J	
Benzo(G,H,I)Perylene	ug/kg	100000	500000		ND	48 J	230 J	380 J	290	250	ND	390 J	ND	240 J	6700	38 J	280	610 J	390 J	380 J	1400 J	500 J	
Benzo(K)Fluoranthene	ug/kg	800	56000		ND	ND	190 J	ND	140 J	120 J	ND	250 J	ND	160 J	5500	ND	170 J	ND	ND	350 J	1800 J	450 J	
Biphenyl (Diphenyl)	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbazole	ug/kg				ND	ND	ND	ND	31 J	ND	ND	ND	ND	ND	2200	ND	ND	ND	ND	ND	ND	ND	
Chrysene	ug/kg	1000	56000		ND	ND	290 J	390 J	290	240	ND	430 J	ND	250 J	12000	62 J	380	ND	410 J	ND	2200	620 J	
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	ND	ND	ND	80 J	74 J	ND	ND	ND	ND	2300	ND	96 J	ND	ND	ND	490 J	180 J	
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND	35 J	ND	280 J	ND	ND	ND	ND	36 J	ND	ND	ND	ND	ND	
Fluoranthene	ug/kg	100000	500000		200 J	66 J	540 J	590 J	500	380	ND	590 J	ND	330 J	22000	64 J	570	900 J	400 J	720 J	3400	990 J	
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	480 J	ND	ND	ND	ND	ND	340 J	ND	
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		ND	39 J	220 J	350 J	240	210	ND	340 J	ND	230 J	6200	41 J	250	490 J	310 J	350 J	1400 J	470 J	
Naphthalene	ug/kg	12000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	870 J	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	ug/kg	100000	500000		ND	38 J	300 J	260 J	300	160 J	ND	210 J	ND	150 J	11000	41 J	170 J	560 J	260 J	ND	1400 J	250 J	
Pyrene	ug/kg	100000			110 J	67 J	420 J	510 J	380	270	ND	530 J	ND	290 J	18000	48 J	500	740 J	360 J	480 J	2600	790 J	
PFAS																							
Perfluorobutanoic Acid	ug/kg				ND				ND	ND						0.2							
Perfluoroheptanoic acid (PFHpA)	ug/kg				ND				ND	ND						ND							
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				ND				ND	ND						ND							
Perfluorohexanoic acid (PFHxA)	ug/kg				ND				ND	ND						ND							
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]		ND				ND	ND						ND							
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]		ND				ND	ND						ND							
Perfluoropentanoic Acid (PFPeA)	ug/kg				ND				ND	ND						ND							
PESTICIDES																							
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000		ND				ND	ND						ND							
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000		ND				ND	ND						ND							
Dieldrin	ug/kg	5	1400		ND				ND	ND						ND							
Endosulfan Sulfate	ug/kg	2400	200000		ND				ND	ND						ND							
Endrin Ketone	ug/kg				ND				ND	ND						0.91 J							
Gamma Bhc (Lindane)	ug/kg	100	9200		ND				ND	ND						ND							
Methoxychlor	ug/kg				ND				ND	ND						4.1 J							
P,P'-DDD	ug/kg	3.3	92000		ND				ND	ND						ND							
P,P'-DDE	ug/kg	3.3	62000		ND				ND	ND						ND							
P,P'-DDT	ug/kg	3.3	47000		2.5 J				4.5 J	ND						ND							
HERBICIDES																							
Dinoseb	ug/kg				ND				ND	ND						ND							
PCBS (No Detections)																							
TPH																							
Sat Hem (Oil And Grease - Nonpolar	mg/kg				292				78.6 J	59.6 J						58.7 J							

Notes:
[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6
[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24
[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium
[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.
N = normal sample; FD = field duplicate; SO = soil; "–" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimate
- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 3
William Street Park
Site Characterization Report
Validated Subsurface Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID / Depth / Sample ID / Sample Type / Matrix / Lab Sample ID / Sampled															
					WSP-SB-10 1 - 2 ft WSP-SB-10_1.0-2.0 DUP FD SO 480-178077-4 11/4/2020	WSP-SB-10 6 - 8 ft WSP-SB-10_6.0-8.0 N SO 480-178077-5 11/4/2020	WSP-SB-10 10 - 12 ft WSP-SB-10_10.0-12.0 N SO 480-178077-6 11/4/2020	WSP-SB-10 12 - 14 ft WSP-SB-10_12.0-14.0 N SO 480-178077-7 11/4/2020	WSP-SB-13 0 - 0.5 ft WSP-SB-13_0.0-0.5 N SO 480-178216-10 11/13/2020	WSP-SB-13 0.5 - 1 ft WSP-SB-13_0.5-1.0 N SO 480-178216-11 11/13/2020	WSP-SB-13 1 - 2 ft WSP-SB-13_1.0-2.0 N SO 480-178216-12 11/13/2020	WSP-SB-13 2 - 4 ft WSP-SB-13_2.0-4.0 N SO 480-178216-13 11/13/2020	WSP-SB-13 2 - 6 ft WSP-SB-13_5.0-6.0 N SO 480-178216-14 11/13/2020	WSP-SB-13 8 - 10 ft WSP-SB-13_8.0-10.0 N SO 480-178216-15 11/13/2020	WSP-SB-14 0 - 0.5 ft WSP-SB-14_0.0-0.5 N SO 480-178005-7 11/10/2020	WSP-SB-14 0.5 - 1 ft WSP-SB-14_0.5-1.0 N SO 480-178005-8 11/10/2020	WSP-SB-14 1 - 2 ft WSP-SB-14_1.0-2.0 N SO 480-178005-9 11/10/2020	WSP-SB-14 2 - 3.5 ft WSP-SB-14_2.0-3.5 N SO 480-178005-10 11/10/2020	WSP-SB-14 2 - 3.5 ft WSP-SB-14_2.0-3.5 DUP FD SO 480-178005-11 11/10/2020	WSP-SB-14 3.5 - 5 ft WSP-SB-14_3.5-5.0 N SO 480-178005-12 11/10/2020	WSP-SB-14 17 - 19 ft WSP-SB-14_17.0-19.0 N SO 480-178005-13 11/10/2020	WSP-SB-15 0 - 0.5 ft WSP-SB-15_0.0-0.5 N SO 480-178005-1 11/10/2020
INORGANICS																				
Aluminum	mg/kg				9070	9760	4080	16900	9990	9730	12400	14200 J	20000	16300	10100	9490	11500	14600 J	12100	12300	6790	8310
Antimony	mg/kg				0.71 J	2.5 J	42.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	13	16		28.6	21.8	84.8	5.5	6	5.7	7.9	5.4	6.1	6.8	6.3	5.5	7	6.6	6.9	6.1	4.4	13.7
Barium	mg/kg	350	400		425	634	236	146	91.2 J+	92.2 J+	88.4 J+	168 J	88.5 J+	114 J+	94.5	88	86.1	146 J	117	109	50.8	83.1
Beryllium	mg/kg	7.2	590		0.96	1.1	0.61	0.65	0.46	0.47	0.52	0.61	0.72	0.7	0.5	0.5	0.52	0.64	0.6	0.56	0.29	0.42
Boron	mg/kg				8.1	16.6	28.5	8.4	4.2	3.4	3.1	3.7	4.1	4.2	4	3.1	3.4	4.1	4.6	3.6	3.2	6.5
Cadmium	mg/kg	2.5	9.3		5.3	2.6	29.8	5.1	0.17 J	0.18 J	0.14 J	0.17 J	0.084 J	0.088 J	ND	ND	ND	0.043 J	0.23	ND	ND	0.16 J
Calcium	mg/kg				11900	7990	3760	2000	1650	1390	1030	2020 J	1190	645	1910	1690	8230	2560 J	3690	1550	9880	4340
Chromium, Total	mg/kg	30	1500		27.4	32.9	36.5	18.2	11.7	11.4	15	15.8 J	21.4	18.1	11.1	10.7	13.7	16.5 J	15.2	16.1	9.1	17.9
Cobalt	mg/kg				9.1	13.1	11.2	9.2	7.5	7.7	9.6	9.3	10.8	10.7	8.2	7.8	9.4	9.9	9.4	10	5.6	6.5
Copper	mg/kg	50	270		92.1	179	232	30.9	12.6	12.8	21.5	13.7 J	13.4	15.9	11.7	12.7	24.8	16 J	22.9	14.8	14.2	23
Iron	mg/kg				33300	97900 J+	141000 J+	20100	17000 J+	16700 J+	22500 J+	18700 J	23600 J+	23800 J+	17700	17200	21200	19700 J	18500	18500	14400	15000
Lead	mg/kg	63	1000		864	777	1810	48.7	32.9	39.4	33.7	35.8	12.5	13.3	17.3	13.5	73	73.3 J	109	60.3	9.2	54.6
Magnesium	mg/kg				1180	800	449	3270	2340 J+	2370 J+	3020 J+	2830 J	3690 J+	3590 J+	2570	2520	4010	3060 J	2740	2760	3280	2910
Manganese	mg/kg	1600	10000		316	668	878	176	402	417	395	603 J	598	502	482	441	654	374 J	491	502	583	380
Mercury	mg/kg	0.18	2.8		0.75	1.3	1.2	0.06	0.034	0.027	0.05	0.054	0.023	0.029	0.023 J	0.021 J	0.045	0.15 J	0.06	0.046	0.012 J	0.068
Nickel	mg/kg	30	310		22.5	49.2	41.9	24.6	17	17.7	22	21.3	26.6	24.9	18.2	17.8	23.7	23.4 J	21.1	21	13.8	15.9
Potassium	mg/kg				1280	1240	547	1980	1750	1550	1370	1540 J	1910	1700	1520	1300	1270	1570 J	1520	1390	1070	1410
Selenium	mg/kg	3.9	1500		4.9	2.5 J	5.3 J	4.9 J	0.64 J	0.73 J	0.87 J	0.93 J	0.99 J	0.68 J	1.3 J	1.3 J	1.9 J	1.9 J	1.8 J	1.6 J	1.1 J	1.5 J
Silver	mg/kg	2	1500		1.2	1.2 J	ND	0.29 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	mg/kg				310	343	386	253	110 J	91.2 J	102 J	229	315	141 J	119 J	116 J	231	255	262	193	104 J	60.1 J
Thallium	mg/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg				30.1	41.2	17.9	22.3	14.6	14.5	19.9	20.1 J	27.9	24.2	14.4	13.6	18.4	20.9	18.5	17.6	11.3	13.7
Zinc	mg/kg	109	10000		766	849	1260	198	59.7	59.6	81.1	121 J	68.7	68	51.6	48.1	81.7	112 J	103	84.2	43.3	79
Chromium III	mg/kg						36.5				15						13.7					
Chromium, Hexavalent	mg/kg						ND				ND						ND					
Cyanide	mg/kg	27	27				ND				ND						ND					
TCLP METALS																						
Arsenic	mg/l			5	0.0099 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0082 J
Barium	mg/l			100	0.7 J	0.64 J	0.62 J	0.63 J	0.29 J	0.75 J	0.29 J	0.39 J	0.12 J	0.3 J	0.39 J	0.42 J	0.65 J	0.66 J	0.61 J	0.45 J	0.56 J	0.48 J
Cadmium	mg/l			1	0.06	0.021	0.5	0.063	ND	0.0012 J	0.00054 J	ND	ND	ND	ND	ND	0.0027	0.0046	0.005	ND	0.00094 J	0.0018 J
Chromium, Total	mg/l			5	ND	ND	ND	0.019 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	mg/l			5	0.66	0.41	8.7	0.018 J	0.0085 J	0.0035 J	0.004 J	0.011 J	ND	ND	0.0055 J	ND	0.039	0.041	0.033	0.0062 J	ND	0.013 J
Mercury	mg/l			0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	mg/l			1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS																						
Acetone	ug/kg	50	500000				11 J				ND						ND					
Methylene Chloride	ug/kg	50	500000				19				ND						ND					
SEMI-VOLATILE ORGANIC COMPOUNDS																						
2-Methylnaphthalene	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	100000	500000		210 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200 J	220 J	ND	ND	ND
Anthracene	ug/kg	100000	500000		290 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene	ug/kg	1000	5600		1300 J	400 J	430 J	96 J	ND	35 J	25 J	ND	ND	ND	ND	ND	ND	370 J	350 J	ND	ND	ND
Benzo(A)Pyrene	ug/kg	1000	1000		1600 J	390 J	700 J	70 J	ND	65 J	31 J	ND	ND	ND	32 J	ND	340 J	610 J	640 J	ND	ND	ND
Benzo(B)Fluoranthene	ug/kg	1000	5600		1800 J	480 J	1800 J	59 J	ND	86 J	33 J	ND	ND	ND	45 J	ND	320 J	700 J	750 J	ND	ND	ND
Benzo(G,H,I)Perylene	ug/kg	100000	500000		1000 J	250 J	890 J	ND	ND	59 J	24 J	ND	ND	ND	39 J	ND	260 J	540 J	550 J	ND	ND	ND
Benzo(K)Fluoranthene	ug/kg	800	56000		970 J	ND	350 J	ND	ND	28 J	ND	ND	ND	ND	ND	ND	ND	380 J	340 J	ND	ND	ND
Biphenyl (Diphenyl)	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ug/kg	1000	56000		1300 J	450 J	1500 J	74 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	300 J	310 J	ND	ND	ND
Dibenz(A,H)Anthracene	ug/kg	330	560		320 J	ND	450 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	170 J	ND	ND	ND
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000		2200 J	750 J	580 J	120 J	ND	67 J	40 J	21 J	ND	ND	54 J	ND	300 J	640 J	590 J	ND	ND	ND
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		990 J	ND	660 J	ND	ND	50 J	ND	ND	ND	ND	31 J	ND	220 J	460 J	500 J	ND	ND	ND
Naphthalene	ug/kg	12000	500000		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ug/kg	100000	500000		900 J	ND	490 J	44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ug/kg	100000			1800 J	510 J	420 J	97 J	ND	58 J	34 J	ND	ND	ND	42 J	ND	250 J	530 J	560 J	ND	ND	ND
PFAS																						
Perfluorobutanoic Acid	ug/kg						ND				ND						0.056 J					
Perfluoroheptanoic acid (PFHpA)	ug/kg						ND				ND						ND					
Perfluorohexanesulfonic acid (PFHxS)	ug/kg						0.049 J				ND						ND					
Perfluorohexanoic acid (PFHxA)	ug/kg						ND				ND						ND					
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]				1.2				0.23 J						0.32 J					
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]				ND				ND						ND					
Perfluoropentanoic Acid (PFPeA)	ug/kg						0.1 J				ND						ND					
PESTICIDES																						
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000				ND				ND						ND					
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000				ND				ND						ND					
Dieldrin	ug/kg	5	1400				ND				ND						ND					
Endosulfan Sulfate	ug/kg	2400	200000				ND				ND						ND					
Endrin Ketone	ug/kg						ND				ND						ND					
Gamma Bhc (Lindane)	ug/kg	100	9200				ND				ND						ND					
Methoxychlor	ug/kg						ND				ND						ND					
P,P'-DDD	ug/kg	3.3	92000				ND				0.41 J						ND					
P,P'-DDE	ug/kg	3.3	62000				ND				0.48 J						ND					
P,P'-DDT	ug/kg	3.3	47000				ND				0.73 J						12 J					
HERBICIDES																						
Dinoseb	ug/kg						ND				ND						ND					
PCBS (No Detections)																						
TPH																						
Sat Hem (Oil And Grease - Nonpolar	mg/kg						92.8 J				399						617					

Notes:
[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6
[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24
[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium
[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.
N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimate
- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 3
William Street Park
Site Characterization Report
Validated Subsurface Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	WSP-SB-15 0.5 - 1 ft WSP-SB-15_0.5-1.0 N SO 480-178005-2 11/10/2020	WSP-SB-15 1 - 2 ft WSP-SB-15_1.0-2.0 N SO 480-178005-3 11/10/2020	WSP-SB-15 2 - 3 ft WSP-SB-15_2.0-3.0 N SO 480-178005-4 11/10/2020	WSP-SB-15 3 - 5 ft WSP-SB-15_3.0-5.0 N SO 480-178005-5 11/10/2020	WSP-SB-15 16 - 18 ft WSP-SB-15_16.0-18.0 N SO 480-178005-6 11/10/2020
INORGANICS									
Aluminum	mg/kg				7700	11100	9740	16200	6900
Antimony	mg/kg				ND	ND	ND	ND	ND
Arsenic	mg/kg	13	16		4.8	9.5	18.7	7.9	5.7
Barium	mg/kg	350	400		47.4	188	122	147	51.3
Beryllium	mg/kg	7.2	590		0.28	0.54	0.34	0.53	0.28
Boron	mg/kg				2.7	3.2	6.5	6.8	4
Cadmium	mg/kg	2.5	9.3		ND	0.62	0.36	ND	ND
Calcium	mg/kg				24400	6740	32500	3010	26600
Chromium, Total	mg/kg	30	1500		9.5	14.2	12.7	20	8.8
Cobalt	mg/kg				6.3	8.7	7.5	9.7	4.9
Copper	mg/kg	50	270		24.8	24.5	17.5	47.5	32.8
Iron	mg/kg				16700	21100	20000	34900	14000
Lead	mg/kg	63	1000		9.9	451	134	175	11
Magnesium	mg/kg				5270	2940	4750	3220	6130
Manganese	mg/kg	1600	10000		654	719	408	549	501
Mercury	mg/kg	0.18	2.8		0.0086 J	0.15	0.059	0.088	0.0083 J
Nickel	mg/kg	30	310		17.6	21	16.1	23.9	12.9
Potassium	mg/kg				865	1210	905	1660	1200
Selenium	mg/kg	3.9	1500		1.4 J	2.2 J	1.7 J	3.4 J	0.9 J
Silver	mg/kg	2	1500		ND	ND	ND	ND	ND
Sodium	mg/kg				53.7 J	48 J	61 J	52.4 J	86.3 J
Thallium	mg/kg				ND	ND	ND	ND	ND
Vanadium	mg/kg				12.4	17.2	17.4	28.1	11.8
Zinc	mg/kg	109	10000		71.3	281	113	139	41.3
Chromium III	mg/kg					8.3			
Chromium, Hexavalent	mg/kg					5.9			
Cyanide	mg/kg	27	27			ND			
TCLP METALS									
Arsenic	mg/l			5	ND	ND	ND	ND	ND
Barium	mg/l			100	0.46 J	0.93 J	0.51 J	0.55 J	0.56 J
Cadmium	mg/l			1	0.00085 J	0.0051	0.00057 J	0.0016 J	0.00055 J
Chromium, Total	mg/l			5	ND	ND	ND	ND	ND
Lead	mg/l			5	ND	0.22	0.011 J	0.037	ND
Mercury	mg/l			0.2	ND	ND	ND	ND	ND
Selenium	mg/l			1	ND	ND	ND	ND	ND
VOLATILE ORGANIC COMPOUNDS									
Acetone	ug/kg	50	500000			ND			
Methylene Chloride	ug/kg	50	500000			ND			
SEMI-VOLATILE ORGANIC COMPOUNDS									
2-Methylnaphthalene	ug/kg				ND	ND	ND	ND	ND
Acenaphthene	ug/kg	20000	500000		ND	ND	ND	ND	ND
Acenaphthylene	ug/kg	100000	500000		ND	110 J	41 J	ND	ND
Anthracene	ug/kg	100000	500000		ND	61 J	ND	ND	ND
Benzo(A)Anthracene	ug/kg	1000	5600		ND	210	84 J	79 J	ND
Benzo(A)Pyrene	ug/kg	1000	1000		ND	290	120 J	93 J	ND
Benzo(B)Fluoranthene	ug/kg	1000	5600		ND	310	130 J	100 J	ND
Benzo(G,H,I)Perylene	ug/kg	100000	500000		ND	270	120 J	77 J	ND
Benzo(K)Fluoranthene	ug/kg	800	56000		ND	160 J	65 J	58 J	ND
Biphenyl (Diphenyl)	ug/kg				ND	ND	ND	ND	ND
Carbazole	ug/kg				ND	ND	ND	ND	ND
Chrysene	ug/kg	1000	56000		ND	250	100 J	91 J	ND
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	57 J	ND	ND	ND
Dibenzofuran	ug/kg	7000	350000		ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	ug/kg				ND	ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000		ND	450	200	150 J	ND
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		ND	220	85 J	63 J	ND
Naphthalene	ug/kg	12000	500000		ND	ND	ND	ND	ND
Phenanthrene	ug/kg	100000	500000		ND	210	95 J	94 J	ND
Pyrene	ug/kg	100000			ND	390	170 J	130 J	ND
PFAS									
Perfluorobutanoic Acid	ug/kg					ND			
Perfluoroheptanoic acid (PFHpA)	ug/kg					ND			
Perfluorohexanesulfonic acid (PFHxS)	ug/kg					ND			
Perfluorohexanoic acid (PFHxA)	ug/kg					ND			
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]			0.23 J			
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]			ND			
Perfluoropentanoic Acid (PFPeA)	ug/kg					ND			
PESTICIDES									
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	3000			ND			
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	500000			ND			
Dieldrin	ug/kg	5	1400			10 J			
Endosulfan Sulfate	ug/kg	2400	200000			ND			
Endrin Ketone	ug/kg					ND			
Gamma Bhc (Lindane)	ug/kg	100	9200			ND			
Methoxychlor	ug/kg					ND			
P,P'-DDD	ug/kg	3.3	92000			15 JN			
P,P'-DDE	ug/kg	3.3	62000			10 J			
P,P'-DDT	ug/kg	3.3	47000			20			
HERBICIDES									
Dinoseb	ug/kg					ND			
PCBS (No Detections)									
TPH									
Sgt Hem (Oil And Grease - Nonpolar	mg/kg					199			

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimate

- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 4
William Street Park
Site Characterization Report
Validated Test Pit Data - Detected Compounds

				Location ID	WSP-TP-01	WSP-TP-01	WSP-TP-01	WSP-TP-02
				Depth	0 - 0.5 ft	4.5 - 5 ft	4.5 - 5 ft	1 - 1.5 ft
				Sample ID	WSP-TP-01_0.0-0.5	WSP-TP-01_4.5-5.0	WSP-TP-01_4.5-5.0 DUP	WSP-TP-02_1.0-1.5
				Sample Type	N	N	FD	N
				Matrix	SO	SO	SO	SO
				Lab Sample ID	480-177772-5	480-177772-3	480-177772-4	480-177772-6
				Sampled	11/5/2020	11/5/2020	11/5/2020	11/5/2020
Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]				
INORGANICS								
Aluminum	mg/kg				11800	8690	11700	9750
Antimony	mg/kg				ND	ND	ND	ND
Arsenic	mg/kg	13	16		11.9	10.1	14.4 J	32.6
Barium	mg/kg	350	400		157	217	346 J	759
Beryllium	mg/kg	7.2	590		0.65	0.64	0.9	0.62
Boron	mg/kg				6.5	3.5	5.8	8.7
Cadmium	mg/kg	2.5	9.3		0.52	0.55	0.84	1.7
Calcium	mg/kg				3280	4530	5860 J	6690
Chromium, Total	mg/kg	30	1500		15.7	20	29.9 J	86.2
Cobalt	mg/kg				8.7	8.1	12.5	18.2
Copper	mg/kg	50	270		28.3	90.4	138 J	213
Iron	mg/kg				40600	9130	13400	104000
Lead	mg/kg	63	1000		61.5	321	469	1250
Magnesium	mg/kg				2220	1040	1710 J	1230
Manganese	mg/kg	1600	10000		424	161	206 J	660
Mercury	mg/kg	0.18	2.8		0.082	0.27	0.4	0.35
Nickel	mg/kg	30	310		20.4	18.9	28.9	70.6
Potassium	mg/kg				1740	852	1200 J	834
Selenium	mg/kg	3.9	1500		2.3 J	0.72 J	1 J	3.3 J
Silver	mg/kg	2	1500		ND	0.5 J	0.54 J	0.9
Sodium	mg/kg				174 J	368	441	249
Vanadium	mg/kg				21.2	21.5	34.3 J	30.4
Zinc	mg/kg	109	10000		90.5	317	467 J	825
Chromium III	mg/kg					20	29.9	86.2
Chromium, Hexavalent	mg/kg					ND	ND	ND
TCLP METALS								
Arsenic	mg/l			5	0.0082 J	0.0097 J	0.016	0.0081 J
Barium	mg/l			100	0.4 J	0.98 J	1	2.1
Cadmium	mg/l			1	0.0012 J	0.0083	0.0057	0.017
Lead	mg/l			5	0.012 J	0.36	0.43	9.8
VOLATILE ORGANIC COMPOUNDS								
Chloroform	ug/kg	370	350000			1.7 J	2.3 J	ND
SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthylene	ug/kg	100000	500000		ND	ND	ND	260 J
Anthracene	ug/kg	100000	500000		ND	ND	ND	ND
Benzo(A)Anthracene	ug/kg	1000	5600		150 J	ND	ND	580 J
Benzo(A)Pyrene	ug/kg	1000	1000		280 J	150 J	ND	790 J
Benzo(B)Fluoranthene	ug/kg	1000	5600		330 J	170 J	ND	930 J
Benzo(G,H,I)Perylene	ug/kg	100000	500000		210 J	ND	ND	510 J
Benzo(K)Fluoranthene	ug/kg	800	56000		180 J	ND	ND	370 J
Chrysene	ug/kg	1000	56000		ND	ND	ND	520 J
Dibenz(A,H)Anthracene	ug/kg	330	560		ND	ND	ND	ND
Fluoranthene	ug/kg	100000	500000		400 J	230 J	ND	1000
Fluorene	ug/kg	30000	500000		ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		170 J	ND	ND	440 J
Naphthalene	ug/kg	12000	500000		ND	ND	ND	ND
Phenanthrene	ug/kg	100000	500000		ND	ND	ND	ND
Pyrene	ug/kg	100000			260 J	140 J	ND	900 J

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Table 4
William Street Park
Site Characterization Report
Validated Test Pit Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID	WSP-TP-01	WSP-TP-01	WSP-TP-01	WSP-TP-02
					Depth	0 - 0.5 ft	4.5 - 5 ft	4.5 - 5 ft	1 - 1.5 ft
					Sample ID	WSP-TP-01_0.0-0.5	WSP-TP-01_4.5-5.0	WSP-TP-01_4.5-5.0 DUP	WSP-TP-02_1.0-1.5
					Sample Type	N	N	FD	N
					Matrix	SO	SO	SO	SO
					Lab Sample ID	480-177772-5	480-177772-3	480-177772-4	480-177772-6
					Sampled	11/5/2020	11/5/2020	11/5/2020	11/5/2020
INORGANICS									
PFAS									
Perfluorobutanoic Acid	ug/kg						ND	ND	0.22 J
Perfluorodecanoic acid (PFDA)	ug/kg						0.028 J	ND	ND
Perfluoroheptanoic acid (PFHpA)	ug/kg						ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	ug/kg						ND	0.041 J	0.039 J
Perfluorohexanoic acid (PFHxA)	ug/kg						ND	ND	ND
Perfluorononanoic acid (PFNA)	ug/kg						0.063 J	0.13 J	ND
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]				0.77	0.67	ND
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]				ND	0.14 J	ND
Perfluoropentanoic Acid (PFPeA)	ug/kg						ND	0.088 J	ND
PESTICIDES									
Endosulfan Sulfate	ug/kg	2400	200000				ND	ND	ND
Endrin Ketone	ug/kg						ND	3.1 J	6.3 J
Methoxychlor	ug/kg						ND	ND	ND
P,P'-DDT	ug/kg	3.3	47000				ND	7.4 J	16 J
HERBICIDES (No Detections)									
PCBS (No Detections)									
TPH									
Sgt Hem (Oil And Grease - Nonpolar	mg/kg						115 J	331 J	284

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

- Value exceeds RCRA regulatory limits

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Table 4
William Street Park
Site Characterization Report
Validated Test Pit Data - Detected Compounds

					Location ID	WSP-TP-02	WSP-TP-03	WSP-TP-03	WSP-TP-04A	WSP-TP-04A
					Depth	4 - 4.5 ft	0.5 - 1 ft	4 - 4.5 ft	1 - 1.5 ft	4 - 4.5 ft
					Sample ID	WSP-TP-02_4.0-4.5	WSP-TP-03_0.5-1.0	WSP-TP-03_4.0-4.5	WSP-TP-04A_1.0-1.5	WSP-TP-04A_4.0-4.5
					Sample Type	N	N	N	N	N
					Matrix	SO	SO	SO	SO	SO
					Lab Sample ID	480-177772-7	480-177772-1	480-177772-2	480-177888-2	480-177888-1
					Sampled	11/5/2020	11/5/2020	11/5/2020	11/6/2020	11/6/2020
Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]						
INORGANICS										
Aluminum	mg/kg				7390	11000	9780	11800	14000	
Antimony	mg/kg				ND	ND	1.6 J	ND	ND	
Arsenic	mg/kg	13	16		9.3	26.4	15.8	10.2	7.6	
Barium	mg/kg	350	400		127	435	282	104	113	
Beryllium	mg/kg	7.2	590		1.6	0.95 J	1	0.54	0.59	
Boron	mg/kg				3.9	10.1	12.5	4.6	3.5	
Cadmium	mg/kg	2.5	9.3		1.5	9.9	0.95	0.35	0.39	
Calcium	mg/kg				2000	3260	14100	3320	1500	
Chromium, Total	mg/kg	30	1500		17.4	42.5 J	19.5	14.4	15.7	
Cobalt	mg/kg				15.1	10.9	8.9	8.9	9.5	
Copper	mg/kg	50	270		48.9	166 J	180	25	16.8	
Iron	mg/kg				19100	78500 J	10600	20000	20800	
Lead	mg/kg	63	1000		272	960	435	94.7	74.7	
Magnesium	mg/kg				275	1560 J	657	3010	2910	
Manganese	mg/kg	1600	10000		206	532	513	512	549	
Mercury	mg/kg	0.18	2.8		0.053	0.76 J	0.8	0.12	0.15	
Nickel	mg/kg	30	310		26	43.9 J	22.6	20.1	21.8	
Potassium	mg/kg				708	1660 J	1090	1460	1480	
Selenium	mg/kg	3.9	1500		0.73 J	3.6 J	0.76 J	ND	ND	
Silver	mg/kg	2	1500		0.51 J	3.1 J	0.33 J	ND	ND	
Sodium	mg/kg				127 J	195	316	63.2 J	49.3 J	
Vanadium	mg/kg				32.9	31.3	28	18.9	19.7	
Zinc	mg/kg	109	10000		329	1460 J	268	89.5	129	
Chromium III	mg/kg					42.5		13.8		
Chromium, Hexavalent	mg/kg					ND		0.62 J		
TCLP METALS										
Arsenic	mg/l			5	ND	0.027	0.028	0.0063 J	ND	
Barium	mg/l			100	0.46 J	1.3	1.7	0.47 J	0.37 J	
Cadmium	mg/l			1	0.011	0.07	0.0082	0.0015 J	0.0021	
Lead	mg/l			5	0.22	0.66	0.76	0.017 J	0.02	
VOLATILE ORGANIC COMPOUNDS										
Chloroform	ug/kg	370	350000			ND		ND		
SEMI-VOLATILE ORGANIC COMPOUNDS										
Acenaphthylene	ug/kg	100000	500000		55 J	140 J	40 J	230	ND	
Anthracene	ug/kg	100000	500000		ND	ND	ND	82 J	ND	
Benzo(A)Anthracene	ug/kg	1000	5600		110 J	1100	91 J	250	32 J	
Benzo(A)Pyrene	ug/kg	1000	1000		120 J	1600	110 J	380	40 J	
Benzo(B)Fluoranthene	ug/kg	1000	5600		160 J	2500	150 J	410	39 J	
Benzo(G,H,I)Perylene	ug/kg	100000	500000		120 J	1400	100 J	330	38 J	
Benzo(K)Fluoranthene	ug/kg	800	56000		71 J	880 J	52 J	160 J	ND	
Chrysene	ug/kg	1000	56000		160 J	1000 J	120 J	270	ND	
Dibenz(A,H)Anthracene	ug/kg	330	560		44 J	390 J	ND	94 J	ND	
Fluoranthene	ug/kg	100000	500000		180 J	1700	150 J	390	36 J	
Fluorene	ug/kg	30000	500000		ND	ND	ND	34 J	ND	
Indeno(1,2,3-C,D)Pyrene	ug/kg	500	5600		81 J	1300	74 J	280	38 J	
Naphthalene	ug/kg	12000	500000		ND	ND	ND	30 J	ND	
Phenanthrene	ug/kg	100000	500000		110 J	600 J	110 J	140 J	ND	
Pyrene	ug/kg	100000			160 J	1400	160 J	390	40 J	

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Table 4
William Street Park
Site Characterization Report
Validated Test Pit Data - Detected Compounds

Chemical Name	Unit	Part 375 Unrestricted SCOs[1]	Part 375 Commercial SCOs[1]	RCRA Regulatory Limits[2]	Location ID Depth Sample ID Sample Type Matrix Lab Sample ID Sampled	WSP-TP-02 4 - 4.5 ft WSP-TP-02_4.0-4.5 N SO 480-177772-7 11/5/2020	WSP-TP-03 0.5 - 1 ft WSP-TP-03_0.5-1.0 N SO 480-177772-1 11/5/2020	WSP-TP-03 4 - 4.5 ft WSP-TP-03_4.0-4.5 N SO 480-177772-2 11/5/2020	WSP-TP-04A 1 - 1.5 ft WSP-TP-04A_1.0-1.5 N SO 480-177888-2 11/6/2020	WSP-TP-04A 4 - 4.5 ft WSP-TP-04A_4.0-4.5 N SO 480-177888-1 11/6/2020
INORGANICS										
PFAS										
Perfluorobutanoic Acid	ug/kg						0.3		0.25	
Perfluorodecanoic acid (PFDA)	ug/kg						0.028 J		0.03 J	
Perfluoroheptanoic acid (PFHpA)	ug/kg						0.076 J		0.042 J	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg						0.045 J		ND	
Perfluorohexanoic acid (PFHxA)	ug/kg						0.08 J		0.074 J	
Perfluorononanoic acid (PFNA)	ug/kg						0.058 J		0.041 J	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88[4]	440[4]				ND		0.43 J	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66[4]	440[4]				0.26		0.13 J	
Perfluoropentanoic Acid (PFPeA)	ug/kg						0.12 J		ND	
PESTICIDES										
Endosulfan Sulfate	ug/kg	2400	200000				5.7 J		ND	
Endrin Ketone	ug/kg						13 J		ND	
Methoxychlor	ug/kg						40 J		ND	
P,P'-DDT	ug/kg	3.3	47000				19 J		7.6 J	
HERBICIDES (No Detections)										
PCBS (No Detections)										
TPH										
Sgt Hem (Oil And Grease - Nonpolar	mg/kg						1600 J		ND	

Notes:

[1]Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2

[2]RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

[3]Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

[4]PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, January 2021.

N = normal sample; FD = field duplicate; SO = soil; "–" = not analyzed; ND = not detected

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value

- Value exceeds the NYCRR Unrestricted Use SCOs
- Value exceeds the NYCRR Commercial Use SCOs
- Value exceeds RCRA regulatory limits

PARSONS

Table 5
William Street Park
Site Characterization Report
Validated Sediment Data - Detected Compounds

				Location ID	WSP-SED-01	WSP-SED-01	WSP-SED-01	WSP-SED-02	WSP-SED-02	WSP-SED-02	WSP-SED-03	WSP-SED-03	WSP-SED-03	WSP-SED-04	WSP-SED-04	WSP-SED-04
				Depth	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
				Sample ID	WSP-SED-01_0.0-0.5-20201116	WSP-SED-01_0.5-1.0-20201116	WSP-SED-01_1.0-2.0-20201116	WSP-SED-02_0.0-0.5-20201117	WSP-SED-02_0.5-1.0-20201117	WSP-SED-02_1.0-2.0-20201117	WSP-SED-03_0.0-0.5-20201117	WSP-SED-03_0.5-1.0-20201117	WSP-SED-03_1.0-2.0-20201117	WSP-SED-04_0.0-0.5-20201116	WSP-SED-04_0.5-1.0-20201116	WSP-SED-04_1.0-2.0 DUP-20201111
				Sample Type	N	N	N	N	N	N	N	N	N	N	N	FD
				Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
				Lab Sample ID	480-178332-1	480-178332-2	480-178332-3	480-178332-18	480-178332-19	480-178332-20	480-178332-21	480-178332-22	480-178332-23	480-178332-4	480-178332-5	480-178332-7
				Sampled	11/16/2020	11/16/2020	11/16/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/16/2020	11/16/2020	11/16/2020
Chemical Name	Unit	[1]NYSDEC Sediment SCOs [Class A]	[1]NYSDEC Sediment SCOs [Class C]													
TOC																
Total Organic Carbon	mg/kg			15100	11600	15100	14500	10500	13500	13700	13400	12400	11400	14100	11300	
INORGANICS																
Aluminum	mg/kg			12000	11900	12500	13300	12200	11600	12300	12400	12300	12400	13000	11100	
Arsenic	mg/kg	10	33	6.5	6.3	6.3	6.9	6	5.8	6.4	6.5	7	6.5	7.1	5.9	
Barium	mg/kg			130	128	131	133	119	109	122 J	124	124	123	129	112	
Beryllium	mg/kg			0.55	0.59	0.62	0.61	0.58	0.57	0.54	0.56	0.59	0.69	0.78	0.68	
Boron	mg/kg			4.3	3.8	4.4	4.8	4.2	4.1	4.2	4.5	3.9	4.1	3.9	3.4	
Cadmium	mg/kg	1	5	ND	ND	ND	ND	ND	ND	0.17 J	0.17 J	0.18 J	ND	ND	0.044 J	
Calcium	mg/kg			4160	2780	2580	2990	2390	2160	2710 J	2760	2140	2390	2280	1690	
Chromium, Total	mg/kg	43	110	14.3	14.4	15.1	15.6	14.6	13.9	14.1	15	14.3	14.7	15.7	13.7	
Cobalt	mg/kg			10.1	11.3	12.4	10.9	10.4	9.8	9.9	10	11.4	12.8	14.7	12.4	
Copper	mg/kg	32	150	16.3	16.2	17.2	16	15.8	15.6	14.3	14.5	14.7	16	17.2	15.4	
Iron	mg/kg			20500	20500	20200	21100	19600	18300	19500	19900	20200	20200	21100	18000	
Lead	mg/kg	36	130	24.2	27.8	27.2	24.1	23.8	23.8	18.5	18.7	22	23.2	26.3	23.8	
Magnesium	mg/kg			3560	3330	3240	3590	3150	2960	3290	3350	3110	3180	3210	2630	
Manganese	mg/kg			728	736	782	750	582	451	662 J	646	686	756	826	712	
Mercury	mg/kg	0.2	1	0.033	0.045	0.047	0.043	0.051	0.066	0.033	0.032	0.041	0.054	0.067	0.072	
Nickel	mg/kg	23	49	22.8	23.7	25.5	23.9	22.3	21.5	21.8	22.4	24.2	25.7	28.9	24.5	
Potassium	mg/kg			1340	1310	1490	1720	1510	1460	1630 J	1660	1570	1620	1620	1400	
Selenium	mg/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Silver	mg/kg	1	2.2	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.25 J	ND	0.24 J	0.22 J	
Sodium	mg/kg			88.2 J	82.3 J	86.9 J	88 J	82.5 J	75.8 J	85 J	82.1 J	77.5 J	69.8 J	75.1 J	68.1 J	
Vanadium	mg/kg			17.7	17.6	18.4	20.2	18.4	17.8	17.8	17.9	17.8	18.2	18.6	16.4	
Zinc	mg/kg	120	460	76.5	84.5	91.4	78.9	76.1	72.8	68.7	68.3	77.6	94.2	110	96.9	
Chromium III	mg/kg															
VOLATILE ORGANIC COMPOUNDS																
1,1,1-Trichloroethane (TCA)	ug/kg		3500													
Methyl Acetate	ug/kg															
Toluene	ug/kg	930	4500													
Trichloroethylene (TCE)	ug/kg	1800	8600													
SEMI-VOLATILE ORGANIC COMPOUNDS																
Carbazole	ug/kg			25 J	ND	ND	ND	ND	99 J	ND	ND	ND	ND	ND	ND	
Di-N-Butyl Phthalate	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SEMI-VOLATILE ORGANIC COMPOUNDS																
Acenaphthene	ug/kg			ND	ND	ND	ND	ND	38 J	ND	ND	ND	ND	ND	ND	
Acenaphthylene	ug/kg			ND	30 J	ND	28 J	30 J	140 J	ND	ND	ND	ND	ND	ND	
Anthracene	ug/kg			ND	ND	ND	ND	ND	230	ND	ND	ND	ND	ND	ND	
Benzo(A)Anthracene	ug/kg			190 J	190 J	120 J	180 J	140 J	740	70 J	72 J	54 J	47 J	ND	61 J	
Benzo(A)Pyrene	ug/kg			220	230	160 J	200 J	180 J	670	92 J	88 J	76 J	54 J	68 J	77 J	
Benzo(B)Fluoranthene	ug/kg			340	250	170 J	240	250	860	110 J	140 J	85 J	57 J	70 J	88 J	
Benzo(G,H,I)Perylene	ug/kg			180 J	190 J	120 J	140 J	120 J	420	75 J	81 J	63 J	48 J	55 J	64 J	
Benzo(K)Fluoranthene	ug/kg			ND	140 J	64 J	110 J	ND	430	45 J	ND	40 J	37 J	46 J	38 J	
Chrysene	ug/kg			220	200	140 J	180 J	150 J	860	77 J	95 J	68 J	50 J	60 J	72 J	
Dibenz(A,H)Anthracene	ug/kg			47 J	55 J	ND	41 J	ND	140 J	ND	ND	ND	ND	ND	ND	
Fluoranthene	ug/kg			370	390	240	330	280	2300	160 J	150 J	110 J	85 J	99 J	130 J	
Fluorene	ug/kg			ND	ND	ND	ND	ND	70 J	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-C,D)Pyrene	ug/kg			140 J	160 J	100 J	120 J	100 J	400	71 J	68 J	55 J	43 J	53 J	58 J	
Naphthalene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	ug/kg			190 J	190 J	120 J	110 J	130 J	970	68 J	70 J	38 J	ND	ND	56 J	
Pyrene	ug/kg			300	310	190	240	220	1600	120 J	120 J	92 J	68 J	83 J	100 J	
Total PAHs	ug/kg	4000	35000	2197	2335	1424	1919	1600	9868	888	884	681	489	534	744	
PFAS																
Perfluorobutanesulfonic acid (PFBS)	ug/kg											ND				
Perfluorobutanoic Acid	ug/kg											0.11 J				
Perfluorodecane Sulfonic Acid	ug/kg											0.1 J				
Perfluorodecanoic acid (PFDA)	ug/kg											0.078 J				
Perfluoroheptanoic acid (PFHpA)	ug/kg											0.073 J				
Perfluorohexanesulfonic acid (PFHxS)	ug/kg											0.036 J				
Perfluorohexanoic acid (PFHxA)	ug/kg											0.063 J				
Perfluorononanoic acid (PFNA)	ug/kg											0.11 J				
Perfluorooctanesulfonic acid (PFOS)	ug/kg											0.85				
Perfluorooctanoic acid (PFOA)	ug/kg											0.28				
Perfluoroundecanoic Acid (PFUnA)	ug/kg											0.055 J				
PESTICIDES																
Dieldrin	ug/kg	180	780													
Gamma Bhc (Lindane)	ug/kg	47	78													
P,P'-DDD	ug/kg	44	48000													
P,P'-DDE	ug/kg	44	48000													
P,P'-DDT	ug/kg	44	48000													
HERBICIDES (No Detections)																
PCBS (No Detections)																
TPH																
Sgt Hem (Oil And Grease - Nonpolar	mg/kg															

Notes:
[1]Sediment Cleanup Objectives (SCOs) from Screening and Assessment of Contaminated Sediment. New York State Department of Environmental Conservation Division of Fish, Wildlife and Marine Resources Bureau of Habitat. June 24, 2014.
N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

PARSONS

Table 5
William Street Park
Site Characterization Report
Validated Sediment Data - Detected Compounds

				Location ID	WSP-SED-01	WSP-SED-04	WSP-SED-05	WSP-SED-05	WSP-SED-05	WSP-SED-06	WSP-SED-06	WSP-SED-07	WSP-SED-07	WSP-SED-07	WSP-SED-08	WSP-SED-08
				Depth	0 - 0.5 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft
				Sample ID	WSP-SED-01_0.0-0.5-20201116	WSP-SED-04_1.0-2.0-20201116	WSP-SED-05_0.0-0.5-20201117	WSP-SED-05_0.5-1.0-20201117	WSP-SED-05_1.0-2.0-20201117	WSP-SED-06_0.0-0.5-20201117	WSP-SED-06_0.5-1.0-20201117	WSP-SED-07_0.0-0.5-20201116	WSP-SED-07_0.5-1.0-20201116	WSP-SED-07_1.0-2.0-20201116	WSP-SED-08_0.0-0.5	WSP-SED-08_0.0-0.5 DUP
				Sample Type	N	N	N	N	N	N	N	N	N	N	N	FD
				Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
				Lab Sample ID	480-178332-1	480-178332-6	480-178332-24	480-178332-25	480-178332-26	480-178332-27	480-178332-28	480-178332-8	480-178332-9	480-178332-10	480-178678-1	480-178678-2
				Sampled	11/16/2020	11/16/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/16/2020	11/16/2020	11/16/2020	11/19/2020	11/19/2020
Chemical Name	Unit	[1]NYSDEC Sediment SCOs [Class A]	[1]NYSDEC Sediment SCOs [Class C]													
TOC																
Total Organic Carbon	mg/kg			15100	12300	22900	15100	10700	11100	6070	14800	14400	13500	15900	16600	
INORGANICS																
Aluminum	mg/kg			12000	13400 J	12200	10900	10800	8060	6910	13200	12900	11700	10400		
Arsenic	mg/kg	10	33	6.5	7.2	6.2	5.8	5.5	5.6	5.5	6.7	6.3	5.7	6.8		
Barium	mg/kg			130	135 J	124	107	106	73.2	73.9	134	136	121	143 J+		
Beryllium	mg/kg			0.55	0.8	0.53	0.51	0.49	0.4	0.36	0.6	0.62	0.59	0.51		
Boron	mg/kg			4.3	3.8	4.6	3.5	3.7	3.1	1.8 J	4.6	5.6	6.8	4.5		
Cadmium	mg/kg	1	5	ND	ND	0.17 J	0.17 J	0.14 J	0.093 J	0.091 J	ND	ND	ND	0.16 J		
Calcium	mg/kg			4160	2140 J	4480	2130	2470	1960	1310	3500	18900	43000	2170		
Chromium, Total	mg/kg	43	110	14.3	16.6 J	14.3	13.2	12.6	9.7	8.5	15.2	15.3	14.9			
Cobalt	mg/kg			10.1	14.6	9.4	9.5	9	8.1	8.7	10.9	11.5	10.6	9.7		
Copper	mg/kg	32	150	16.3	18.2 J	14.8	14.4	13.3	9.3	12.2	15.9	18.7	22.2	12		
Iron	mg/kg			20500	22000 J	19600	17600	17200	15700	15700	21400	20400	18300	19100		
Lead	mg/kg	36	130	24.2	29.1	18.9	22.4	18.8	13.1	8.3	20.5	19.3	14.5	15.1		
Magnesium	mg/kg			3560	3230 J	3750	2790	2810	2260	1970	3630	4080	4870	2740		
Manganese	mg/kg			728	848 J	712	556	559	292	408	731	715	695	797		
Mercury	mg/kg	0.2	1	0.033	0.079	0.031	0.056	0.031	0.016 J	0.0084 J	0.032	0.035	0.033	0.028		
Nickel	mg/kg	23	49	22.8	29.2	21.5	20.7	20.1	16.7	18.4	23.9	26.9	28.1	20		
Potassium	mg/kg			1340	1640 J	1570	1330	1390	1150	890	1790	1900	1900	1650		
Selenium	mg/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55 J		
Silver	mg/kg	1	2.2	ND	0.29 J	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Sodium	mg/kg			88.2 J	78.3 J	109 J	75.6 J	81.5 J	75.2 J	51.4 J	87 J	98.1 J	125 J	85.3 J		
Vanadium	mg/kg			17.7	19.6	17.8	15.9	15.8	13.1	10.3	19.6	19.4	17.7	15.9		
Zinc	mg/kg	120	460	76.5	116 J	67	70.6	62.4	51.2	52	74.4	68.1	53.4	68.6		
Chromium III	mg/kg					14.3	13.2		9.7							
VOLATILE ORGANIC COMPOUNDS																
1,1,1-Trichloroethane (TCA)	ug/kg		3500			ND	ND		ND							
Methyl Acetate	ug/kg					ND	6 J		ND							
Toluene	ug/kg	930	4500			ND	ND		ND							
Trichloroethylene (TCE)	ug/kg	1800	8600			ND	ND		ND							
SEMI-VOLATILE ORGANIC COMPOUNDS																
Carbazole	ug/kg			25 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Di-N-Butyl Phthalate	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SEMI-VOLATILE ORGANIC COMPOUNDS																
Acenaphthene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Acenaphthylene	ug/kg			ND	ND	ND	31 J	ND	ND	ND	ND	ND	ND	ND		
Anthracene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(A)Anthracene	ug/kg			190 J	ND	88 J	180 J	130 J	ND	ND	ND	78 J	ND	ND		
Benzo(A)Pyrene	ug/kg			220	72 J	120 J	190	180	52 J	27 J	74 J	91 J	38 J	75 J		
Benzo(B)Fluoranthene	ug/kg			340	97 J	160 J	260	180	50 J	29 J	88 J	140 J	62 J	84 J		
Benzo(G,H,I)Perylene	ug/kg			180 J	75 J	110 J	150 J	140 J	53 J	26 J	63 J	75 J	35 J	60 J		
Benzo(K)Fluoranthene	ug/kg			ND	37 J	48 J	74 J	100 J	42 J	ND	41 J	ND	ND	41 J		
Chrysene	ug/kg			220	73 J	110 J	170 J	160 J	53 J	ND	92 J	87 J	ND	51 J		
Dibenz(A,H)Anthracene	ug/kg			47 J	ND	ND	47 J	37 J	ND	ND	ND	ND	ND	ND		
Fluoranthene	ug/kg			370	120 J	200 J	310	230	100 J	38 J	110 J	140 J	61 J	93 J		
Fluorene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Indeno(1,2,3-C,D)Pyrene	ug/kg			140 J	57 J	93 J	130 J	120 J	47 J	ND	51 J	69 J	30 J	46 J		
Naphthalene	ug/kg			ND	ND	ND	ND	28 J	ND	ND	ND	ND	ND	ND		
Phenanthrene	ug/kg			190 J	45 J	67 J	79 J	81 J	36 J	ND	ND	45 J	ND	ND		
Pyrene	ug/kg			300	87 J	150 J	250	180	73 J	31 J	89 J	100 J	43 J	79 J		
Total PAHs	ug/kg	4000	35000	2197	663	1146	1871	1566	506	151	608	825	269	529		
PFAS																
Perfluorobutanesulfonic acid (PFBS)	ug/kg					ND	ND		ND							
Perfluorobutanoic Acid	ug/kg					0.12 J	0.077 J		0.084 J							
Perfluorodecane Sulfonic Acid	ug/kg					0.049 J	0.12 J		ND							
Perfluorodecanoic acid (PFDA)	ug/kg					0.092 J	0.056 J		0.032 J							
Perfluoroheptanoic acid (PFHpA)	ug/kg					0.057 J	0.06 J		ND							
Perfluorohexanesulfonic acid (PFHxS)	ug/kg					0.042 J	0.041 J		ND							
Perfluorohexanoic acid (PFHxA)	ug/kg					0.061 J	0.064 J		ND							
Perfluorononanoic acid (PFNA)	ug/kg					0.094 J	0.066 J		ND							
Perfluorooctanesulfonic acid (PFOS)	ug/kg					ND	0.67		ND							
Perfluorooctanoic acid (PFOA)	ug/kg					0.14 J	0.16 J		ND							
Perfluoroundecanoic Acid (PFUnA)	ug/kg					0.081 J	0.049 J		ND							
PESTICIDES																
Dieldrin	ug/kg	180	780			ND	ND		ND							
Gamma Bhc (Lindane)	ug/kg	47	78			ND	ND		ND							
P,P'-DDD	ug/kg	44	48000			ND	0.38 J		ND							
P,P'-DDE	ug/kg	44	48000			ND	0.9 J		3 J							
P,P'-DDT	ug/kg	44	48000			3.5 J	ND		3 J							
HERBICIDES (No Detections)																
PCBS (No Detections)																
TPH																
Sgt Hem (Oil And Grease - Nonpolar	mg/kg					517	384		325							

Notes:
[1]Sediment Cleanup Objectives (SCOs) from Screening and Assessment of Contaminated Sediment. New York State Department of Environmental Conserva
N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

PARSONS

Table 5
William Street Park
Site Characterization Report
Validated Sediment Data - Detected Compounds

				Location ID	WSP-SED-01	WSP-SED-08	WSP-SED-08	WSP-SED-09	WSP-SED-09	WSP-SED-10	WSP-SED-10	WSP-SED-10	WSP-SED-10	WSP-SED-11	WSP-SED-11	WSP-SED-11
				Depth	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
				Sample ID	WSP-SED-01_0.0-0.5-20201116	WSP-SED-08_0.5-1.0	WSP-SED-08_1.0-2.0	WSP-SED-09_0.0-0.5-20201118	WSP-SED-09_0.5-1.0-20201118	WSP-SED-10_0.0-0.5-20201118	WSP-SED-10_0.5-1.0-20201118	WSP-SED-10_1.0-2.0 DUP-2020111	WSP-SED-10_1.0-2.0-20201118	WSP-SED-11_0.0-0.5-20201116	WSP-SED-11_0.5-1.0-20201116	WSP-SED-11_1.0-2.0-20201116
				Sample Type	N	N	N	N	N	N	N	FD	N	N	N	N
				Matrix	SO	SO	SO	SE	SE	SE	SE	SE	SE	SO	SO	SO
				Lab Sample ID	480-178332-1	480-178678-3	480-178678-4	480-178643-1	480-178643-2	480-178643-3	480-178643-4	480-178643-6	480-178643-5	480-178332-11	480-178332-12	480-178332-13
				Sampled	11/16/2020	11/19/2020	11/19/2020	11/18/2020	11/18/2020	11/18/2020	11/18/2020	11/18/2020	11/18/2020	11/16/2020	11/16/2020	11/16/2020
Chemical Name	Unit	[1]NYSDEC Sediment SCOs [Class A]	[1]NYSDEC Sediment SCOs [Class C]													
TOC																
Total Organic Carbon	mg/kg			15100	11700	10000	11100	17000	14100	15700	14100	16100	11600	10600	13800	
INORGANICS																
Aluminum	mg/kg			12000	10000	9150	11900	12700	12100	11800	12200	13200	12000	12300	11900	
Arsenic	mg/kg	10	33	6.5	6.9	6.3	6.9	7.8	7.3	6.7	14.1	7.5	6.2	6.5	6.7	
Barium	mg/kg			130	118 J+	97 J+	121	133	133	130	125	129	119	123	116	
Beryllium	mg/kg			0.55	0.52	0.49	0.54	0.62	0.56	0.53	0.55	0.61	0.55	0.58	0.61	
Boron	mg/kg			4.3	4	3.9	4.6	4.8	4.4	4.6	4.7	5.6	4.1	4.3	4	
Cadmium	mg/kg	1	5	ND	0.15 J	0.13 J	0.2 J	0.24 J	0.2 J	0.2 J	0.18 J	0.19 J	ND	ND	ND	
Calcium	mg/kg			4160	1930	1740	2460	2790	3390	3330	2510	3450	3630	2970	2120	
Chromium, Total	mg/kg	43	110	14.3			14.2	15	14.1	13.7	13.8	15.3	14	14.1	13.8	
Cobalt	mg/kg			10.1	11.1	10.7	10.9	12.7	11.4	11	11.1	11.9	10.1	10.7	11.4	
Copper	mg/kg	32	150	16.3	13.6	12.4	15.1	16.4	15.1	14.8	16.3	17.6	14.1	14.1	14.7	
Iron	mg/kg			20500	18100	16700	19700	22100	21000	20000	21000	21000	19500	20000	19800	
Lead	mg/kg	36	130	24.2	16	19.8	18	19.4	18.3	17.6	21.5	20.9	18.9	19.9	24.2	
Magnesium	mg/kg			3560	2640	2760	3180	3440	3510	3480	3150	3560	3400	3360	2980	
Manganese	mg/kg			728	667	590	682	776	793	764	696	717	671	713	666	
Mercury	mg/kg	0.2	1	0.033	0.02 J	0.021 J	0.036	0.033	0.034	0.034	0.033	0.037	0.03	0.035	0.043	
Nickel	mg/kg	23	49	22.8	22.4	21.5	22.5	25	23.2	22.5	22.3	24.3	22.3	23.1	23.6	
Potassium	mg/kg			1340	1490	1500	1410	1470	1440	1470	1560	1740	1520	1580	1510	
Selenium	mg/kg			ND	0.66 J	0.75 J	0.71 J	1 J	0.75 J	0.75 J	0.97 J	0.57 J	ND	ND	ND	
Silver	mg/kg	1	2.2	ND	ND	ND	ND	ND	ND	0.26 J	ND	ND	ND	ND	ND	
Sodium	mg/kg			88.2 J	89.9 J	92.4 J	86 J	108 J	63.9 J	67.2 J	87.1 J	95.8 J	70 J	73.7 J	78.5 J	
Vanadium	mg/kg			17.7	15.3	14.4	16.8	17.9	16.7	16.6	17.1	19.1	17.6	18.3	17.6	
Zinc	mg/kg	120	460	76.5	76.7	75.7	72.2	80.7	72.4	71	72.3	78	67.9	71.7	80.4	
Chromium III	mg/kg					13.5		15			13.8	15.3				
VOLATILE ORGANIC COMPOUNDS																
1,1,1-Trichloroethane (TCA)	ug/kg		3500			ND		0.74 J			ND	ND				
Methyl Acetate	ug/kg					ND		ND			ND	ND				
Toluene	ug/kg	930	4500			ND		0.76 J			ND	ND				
Trichloroethylene (TCE)	ug/kg	1800	8600			ND		8.3			4.4 J	ND				
SEMI-VOLATILE ORGANIC COMPOUNDS																
Carbazole	ug/kg			25 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Di-N-Butyl Phthalate	ug/kg			ND	ND	ND	ND	ND	ND	51 J	ND	ND	ND	ND	ND	
SEMI-VOLATILE ORGANIC COMPOUNDS																
Acenaphthene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthylene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	69 J	
Benzo(A)Anthracene	ug/kg			190 J	57 J	ND	42 J	74 J	ND	88 J	ND	59 J	52 J	60 J	140 J	
Benzo(A)Pyrene	ug/kg			220	92 J	ND	78 J	110 J	70 J	130 J	60 J	82 J	70 J	72 J	160 J	
Benzo(B)Fluoranthene	ug/kg			340	110 J	49 J	90 J	120 J	79 J	170 J	75 J	99 J	81 J	110 J	170 J	
Benzo(G,H,I)Perylene	ug/kg			180 J	72 J	38 J	53 J	78 J	59 J	85 J	45 J	60 J	48 J	54 J	98 J	
Benzo(K)Fluoranthene	ug/kg			ND	51 J	ND	43 J	63 J	44 J	62 J	ND	44 J	33 J	ND	70 J	
Chrysene	ug/kg			220	63 J	ND	ND	79 J	ND	110 J	ND	68 J	60 J	69 J	130 J	
Dibenz(A,H)Anthracene	ug/kg			47 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	ug/kg			370	110 J	48 J	120 J	160 J	110 J	180 J	76 J	130 J	100 J	120 J	380	
Fluorene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-C,D)Pyrene	ug/kg			140 J	58 J	28 J	52 J	62 J	48 J	77 J	41 J	54 J	45 J	51 J	86 J	
Naphthalene	ug/kg			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	ug/kg			190 J	35 J	ND	33 J	52 J	ND	70 J	ND	37 J	ND	50 J	260	
Pyrene	ug/kg			300	95 J	35 J	87 J	140 J	79 J	160 J	59 J	100 J	72 J	89 J	250	
Total PAHs	ug/kg	4000	35000	2197	743	198	598	938	489	1132	356	733	561	675	1813	
PFAS																
Perfluorobutanesulfonic acid (PFBS)	ug/kg					ND		ND			0.056 J	ND				
Perfluorobutanoic Acid	ug/kg					0.036 J		0.13 J			0.091 J	0.11 J				
Perfluorodecane Sulfonic Acid	ug/kg					0.11 J		0.12 J			0.099 J	0.11 J				
Perfluorodecanoic acid (PFDA)	ug/kg					0.08 J		0.12 J			0.11 J	0.1 J				
Perfluoroheptanoic acid (PFHpA)	ug/kg					ND		0.077 J			0.067 J	0.067 J				
Perfluorohexanesulfonic acid (PFHxS)	ug/kg					ND		ND			ND	ND				
Perfluorohexanoic acid (PFHxA)	ug/kg					ND		0.073 J			0.062 J	0.058 J				
Perfluorononanoic acid (PFNA)	ug/kg					ND		0.17 J			0.13 J	0.14 J				
Perfluorooctanesulfonic acid (PFOS)	ug/kg					0.33 J		0.63			0.66	0.61 J				
Perfluorooctanoic acid (PFOA)	ug/kg					ND		0.24			0.18 J	0.18 J				
Perfluoroundecanoic Acid (PFUnA)	ug/kg					0.081 J		0.11 J			0.12 J	0.11 J				
PESTICIDES																
Dieldrin	ug/kg	180	780			ND		ND			0.8 J	ND				
Gamma Bhc (Lindane)	ug/kg	47	78			ND		0.49 J			ND	ND				
P,P'-DDD	ug/kg	44	48000			ND		ND			ND	ND				
P,P'-DDE	ug/kg	44	48000			ND		1 J			1.3 J	2.1 J				
P,P'-DDT	ug/kg	44	48000			ND		ND			ND	3 J				
HERBICIDES (No Detections)																
PCBS (No Detections)																
TPH																
Sgt Hem (Oil And Grease - Nonpolar	mg/kg					321		614			426	642				

Notes:
[1]Sediment Cleanup Objectives (SCOs) from Screening and Assessment of Contaminated Sediment. New York State Department of Environmental Conserva
N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

Table 5
William Street Park
Site Characterization Report
Validated Sediment Data - Detected Compounds

Chemical Name	Unit	[1]NYSDEC Sediment SCOs [Class A]	[1]NYSDEC Sediment SCOs [Class C]	Location ID: WSP-SED-01 Depth: 0 - 0.5 ft Sample ID: WSP-SED-01_0.0-0.5-20201116 Sample Type: N Matrix: SO Lab Sample ID: 480-178332-1 Sampled: 11/16/2020	Location ID: WSP-SED-12 Depth: 0 - 0.5 ft Sample ID: WSP-SED-12_0.0-0.5-20201118 Sample Type: N Matrix: SE Lab Sample ID: 480-178643-8 Sampled: 11/18/2020	Location ID: WSP-SED-12 Depth: 0.5 - 1 ft Sample ID: WSP-SED-12_0.5-1.0-20201118 Sample Type: N Matrix: SE Lab Sample ID: 480-178643-9 Sampled: 11/18/2020	Location ID: WSP-SED-12 Depth: 1 - 2 ft Sample ID: WSP-SED-12_1.0-2.0-20201118 Sample Type: N Matrix: SE Lab Sample ID: 480-178643-10 Sampled: 11/18/2020	Location ID: WSP-SED-13 Depth: 0 - 0.5 ft Sample ID: WSP-SED-13_0.0-0.5-20201116 Sample Type: N Matrix: SO Lab Sample ID: 480-178332-14 Sampled: 11/16/2020	Location ID: WSP-SED-13 Depth: 0.5 - 1 ft Sample ID: WSP-SED-13_0.5-1.0-20201116 Sample Type: N Matrix: SO Lab Sample ID: 480-178332-15 Sampled: 11/16/2020	Location ID: WSP-SED-13 Depth: 1 - 2 ft Sample ID: WSP-SED-13_1.0-2.0-20201116 Sample Type: N Matrix: SO Lab Sample ID: 480-178332-30 Sampled: 11/16/2020
TOC										
Total Organic Carbon	mg/kg			15100	10000	12600	9710	9760	11700	7050
INORGANICS										
Aluminum	mg/kg			12000	12000	12200	12000 J	10200	11700	8590
Arsenic	mg/kg	10	33	6.5	6.9	7.7	7.9	7	6.2	5.9
Barium	mg/kg			130	126	130	123 J	99.8	109	83.6
Beryllium	mg/kg			0.55	0.58	0.6	0.62	0.46	0.54	0.45
Boron	mg/kg			4.3	4.2	4.1	4	3.8	4.6	2.9
Cadmium	mg/kg	1	5	ND	0.23 J	0.24	0.25	ND	ND	0.14 J
Calcium	mg/kg			4160	2060	2050	1910 J	2780	2920	1670
Chromium, Total	mg/kg	43	110	14.3	14	14.3	14.2 J	12.1	13.5	10.2
Cobalt	mg/kg			10.1	12.4	13.2	13.2	10.4	9.9	10.6
Copper	mg/kg	32	150	16.3	15.2	15.6	18.6	13.7	13.6	11.3
Iron	mg/kg			20500	20000	20600	21400 J	18700	19200	15800
Lead	mg/kg	36	130	24.2	20.3	22.5	23	22.6	17.7	16.9
Magnesium	mg/kg			3560	3090	3130	3090 J	3040	3400	2220
Manganese	mg/kg			728	779	833	693 J	643	643	507
Mercury	mg/kg	0.2	1	0.033	0.04	0.042	0.047 J	0.023	0.026	0.02
Nickel	mg/kg	23	49	22.8	24.4	25.5	25.7	20.4	21.3	19.5
Potassium	mg/kg			1340	1480	1500	1460 J	1440	1660	1120
Selenium	mg/kg			ND	ND	ND	0.93 J	ND	ND	ND
Silver	mg/kg	1	2.2	ND	ND	0.32 J	0.29 J	ND	ND	ND
Sodium	mg/kg			88.2 J	91.5 J	97.8 J	89.9 J	66.8 J	76.1 J	75.7 J
Vanadium	mg/kg			17.7	16.7	17.3	17.2 J	15.3	17.6	13
Zinc	mg/kg	120	460	76.5	79.7	84.3	87.5 J	67.3	69.1	68.4
Chromium III	mg/kg						14.2			
VOLATILE ORGANIC COMPOUNDS										
1,1,1-Trichloroethane (TCA)	ug/kg		3500				0.76 J			
Methyl Acetate	ug/kg						ND			
Toluene	ug/kg	930	4500				1.1 J			
Trichloroethylene (TCE)	ug/kg	1800	8600				10 J			
SEMI-VOLATILE ORGANIC COMPOUNDS										
Carbazole	ug/kg			25 J	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	ug/kg			ND	ND	ND	ND	ND	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS										
Acenaphthene	ug/kg			ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/kg			ND	ND	ND	ND	ND	ND	ND
Anthracene	ug/kg			ND	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene	ug/kg			190 J	54 J	ND	72 J	74 J	61 J	64 J
Benzo(A)Pyrene	ug/kg			220	87 J	83 J	110 J	85 J	86 J	100 J
Benzo(B)Fluoranthene	ug/kg			340	89 J	110 J	130 J	110 J	91 J	99 J
Benzo(G,H,I)Perylene	ug/kg			180 J	60 J	61 J	82 J	69 J	54 J	82 J
Benzo(K)Fluoranthene	ug/kg			ND	39 J	36 J	59 J	45 J	45 J	41 J
Chrysene	ug/kg			220	61 J	ND	77 J	84 J	ND	72 J
Dibenz(A,H)Anthracene	ug/kg			47 J	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/kg			370	120 J	120 J	140 J	170 J	120 J	120 J
Fluorene	ug/kg			ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	ug/kg			140 J	49 J	52 J	65 J	64 J	56 J	77 J
Naphthalene	ug/kg			ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ug/kg			190 J	ND	ND	ND	55 J	ND	52 J
Pyrene	ug/kg			300	91 J	91 J	110 J	120 J	92 J	98 J
Total PAHs	ug/kg	4000	35000	2197	650	553	845	876	605	805
PFAS										
Perfluorobutanesulfonic acid (PFBS)	ug/kg						ND			
Perfluorobutanoic Acid	ug/kg						0.046 J			
Perfluorodecane Sulfonic Acid	ug/kg						0.12 J			
Perfluorodecanoic acid (PFDA)	ug/kg						0.079 J			
Perfluoroheptanoic acid (PFHpA)	ug/kg						0.05 J			
Perfluorohexanesulfonic acid (PFHxS)	ug/kg						0.037 J			
Perfluorohexanoic acid (PFHxA)	ug/kg						0.066 J			
Perfluorononanoic acid (PFNA)	ug/kg						0.11 J			
Perfluorooctanesulfonic acid (PFOS)	ug/kg						0.73			
Perfluorooctanoic acid (PFOA)	ug/kg						0.14 J			
Perfluoroundecanoic Acid (PFUnA)	ug/kg						0.045 J			
PESTICIDES										
Dieldrin	ug/kg	180	780				ND			
Gamma Bhc (Lindane)	ug/kg	47	78				0.78 J			
P,P'-DDD	ug/kg	44	48000				ND			
P,P'-DDE	ug/kg	44	48000				0.93 J			
P,P'-DDT	ug/kg	44	48000				ND			
HERBICIDES (No Detections)										
PCBS (No Detections)										
TPH										
Sgt Hem (Oil And Grease - Nonpolar	mg/kg						699			

Notes:
[1]Sediment Cleanup Objectives (SCOs) from Screening and Assessment of Contaminated Sediment. New York State Department of Environmental Conservat
N = normal sample; FD = field duplicate; SO = soil; "--" = not analyzed; ND = not detected
mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram
UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = estimated biased high at the value given

PARSONS

APPENDIX A – AERIAL PHOTOGRAPHS

ENVIRONMENTAL RISK INFORMATION SERVICES

HISTORICAL AERIALS

Project Property: William Street Park
William Street Park
Corning NY 14830

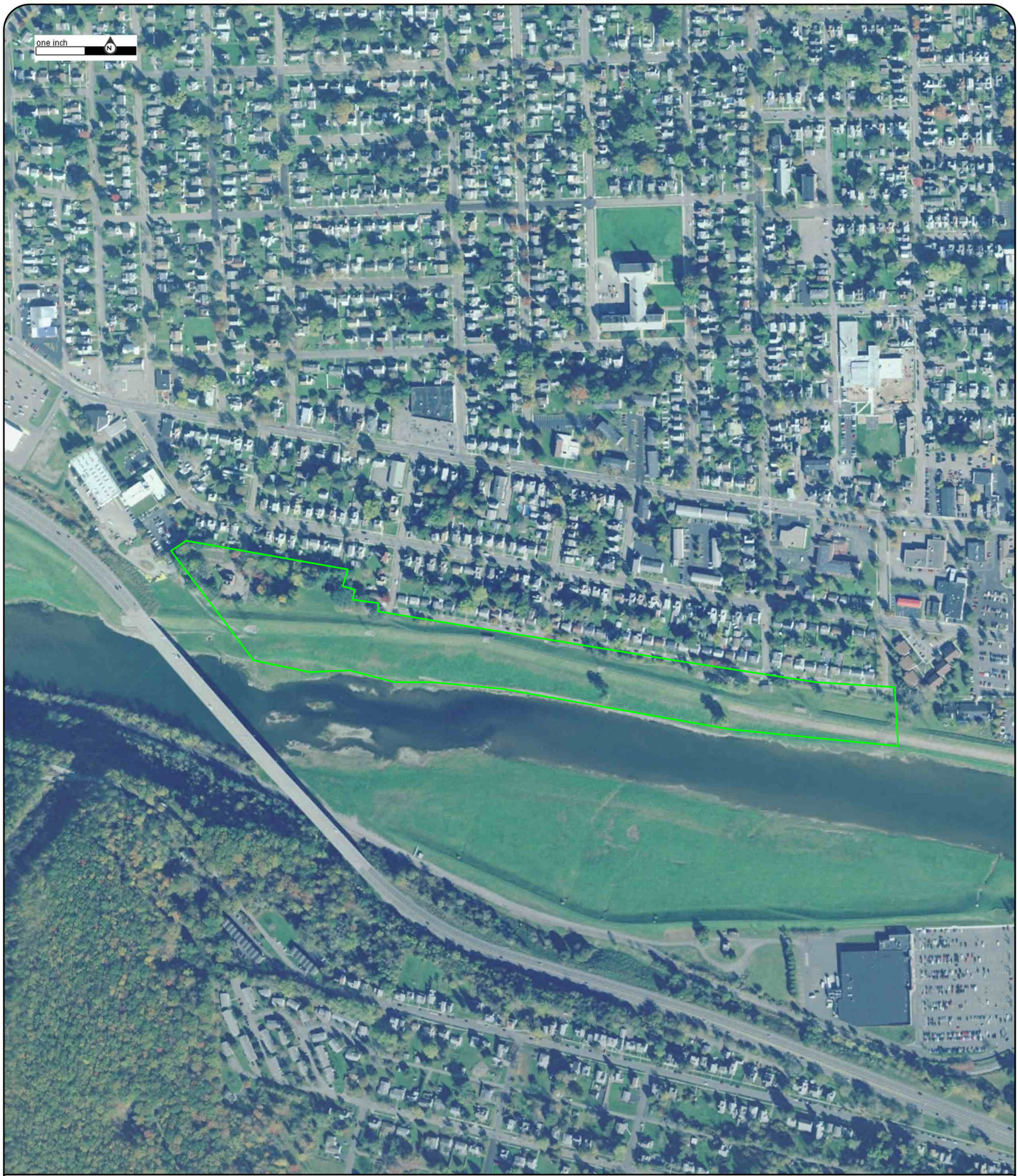
Requested By: PARSONS

Order No: 20191230037

Data Completed: January 08,2020

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Source Scale	Comments
2017	National Agriculture Information Program	1" to 500'	
2015	National Agriculture Information Program	1" to 500'	
2013	National Agriculture Information Program	1" to 500'	
2011	National Agriculture Information Program	1" to 500'	
2009	National Agriculture Information Program	1" to 500'	
2008	National Agriculture Information Program	1" to 500'	
2006	National Agriculture Information Program	1" to 500'	
2003	National Agriculture Information Program	1" to 500'	
2002	US Geological Survey	1" to 500'	
1995	US Geological Survey	1" to 500'	
1985	National High Altitude Photography	1" to 500'	BEST COPY AVAILABLE
1960	United States Air Force	1" to 500'	BEST COPY AVAILABLE
1952	US Geological Survey	1" to 500'	
1942	Agriculture and Soil Conservation Service	1" to 500'	
1938	Agriculture and Soil Conservation Service	1" to 500'	



Year:2017
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2015
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2013
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2011
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2009
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2008
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2006
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2003
Source:NAIP
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Year:2002
Source:USGS
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:1995
Source:USGS
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:1985
Source:NHAP
Scale:1" to 500'
Comment:BEST COPY AVAILABLE

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:1960
Source:USAF
Scale:1" to 500'
Comment:BEST COPY AVAILABLE

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:1952
Source:USGS
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES

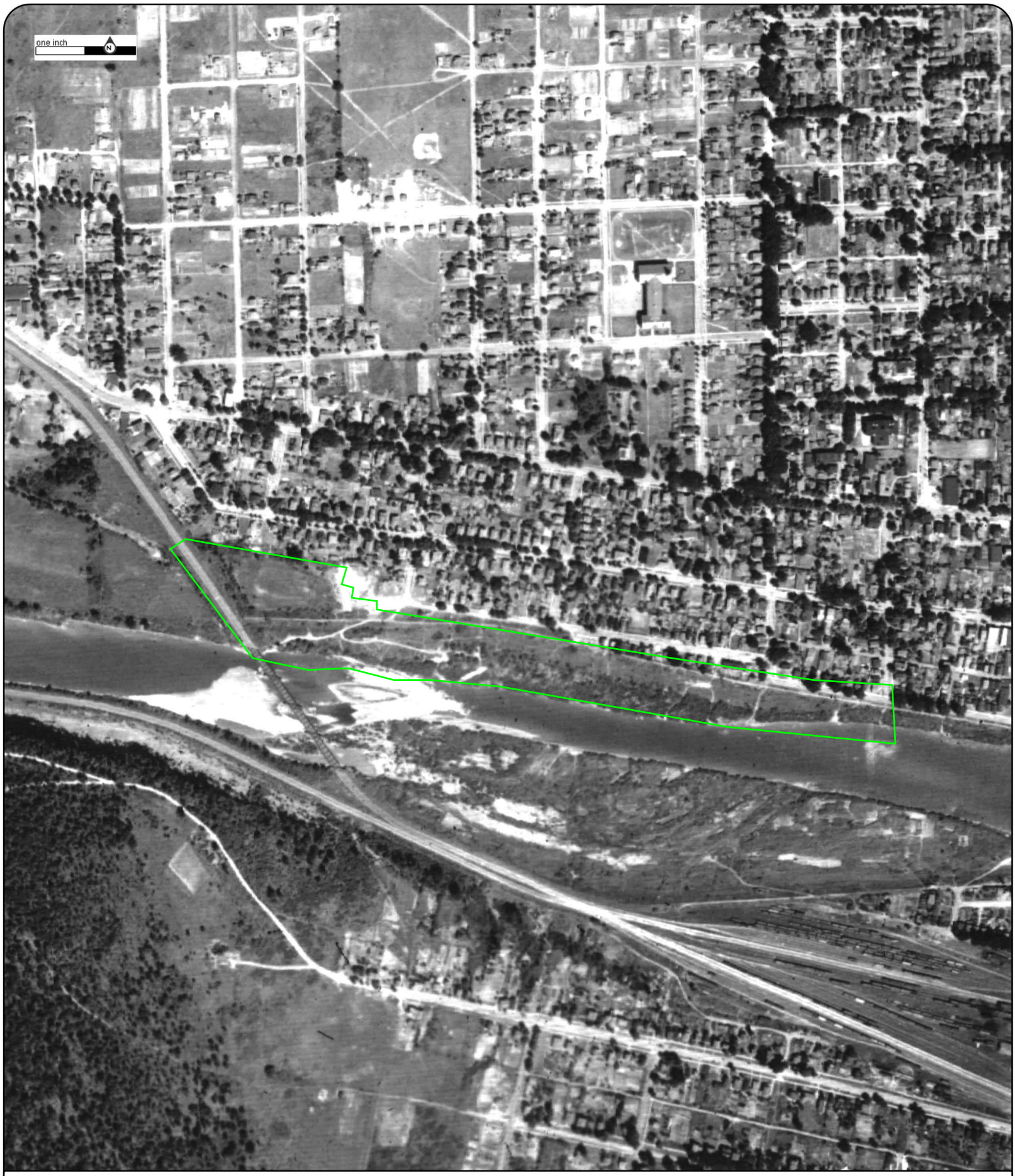


Year:1942
Source:ASCS
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES



Year:1938
Source:ASCS
Scale:1" to 500'
Comment:

Address:William Street Park,Corning,NY
Approx Center:42.14961851/-77.06911797

Order No:20191230037

ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX B – SURFACE SOIL SAMPLING LOGS

NOTE: The term "trace" as it appears in the surface soil descriptions is specific to the Burmister Soil Classification system whereas trace is indicative of a sample containing 10% or less of a given soil component.

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1155
WEATHER:	44°F; partly sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-01
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-01
PHYSICAL APPEARANCE:	damp, loose, brown fine SAND, some silt, trace f-gravel
VEGETATION:	grass
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	sandy
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1245
WEATHER:	45°F; partly cloudy
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-02
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-02
PHYSICAL APPEARANCE:	damp, soft, brown SILT, some f-sand, little waste
VEGETATION:	grass, roots, moss
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	waste (glass cullet)

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_SS-02DUP, WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set*, excluding TCLP metals for EB sample
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1330
WEATHER:	48°F; partly cloudy
SAMPLERS:	R. Inclima of Parsons
SAMPLE ID:	WSP_SS-03
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-03
PHYSICAL APPEARANCE:	damp, soft, brown SILT, some f-sand, little clay
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1400
WEATHER:	50°F; partly cloudy
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-04
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-04
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft; silty
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1440
WEATHER:	50°F; partly cloudy
SAMPLERS:	J. Mikochik of Parsons
	of
SAMPLE ID:	WSP_SS-05
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-05
PHYSICAL APPEARANCE:	moist, soft, dark brown SILT, little f-sand, trace f-c gravel
VEGETATION:	trees; bare soil covered in pine needles.
DRAINAGE DIRECTION:	mounded; drains N & S

SAMPLE DESCRIPTION

TEXTURE:	soft to med. dense
COLOR:	dark brown
ODOR:	none
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1430
WEATHER:	50°F; partly cloudy
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-06
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-06
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand, m-c gravel, waste
VEGETATION:	grass
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	waste (glass cullet, 0.5-1" in size)

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/19/20 -- 1515
WEATHER:	44°F; partly cloudy
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-07
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-07
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little clay & f-m gravel, trace c-gravel
VEGETATION:	grass
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	Single piece of amber glass noted

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-02_111920
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-013
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 1200
WEATHER:	66°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-08
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-08
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand & m-c gravel, trace clay
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 1230
WEATHER:	66°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-09
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-09
PHYSICAL APPEARANCE:	damp, soft, dark brown SILT, little f-sand & f-m gravel, tr clay
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	N

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	dark brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 1130
WEATHER:	61°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-10
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-10
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand & f-m gravel, trace clay
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 1105
WEATHER:	61°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-11
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-11
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand, trace f-m gravel
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	N

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 1040
WEATHER:	57°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-12
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-12
PHYSICAL APPEARANCE:	damp, soft, dark brown SILT, little clay & f-sand
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	dark brown-brown
ODOR:	earth, organic
OTHER:	woodchips from playground mixed in

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 1010
WEATHER:	54°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-13
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-13
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand & f-gravel, trace clay
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 0925
WEATHER:	52°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-14
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-14
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand, f-gravel & waste
VEGETATION:	grass
DRAINAGE DIRECTION:	SE

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	waste (glass cullet)

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_SS-14MS, WSP_SS-14MSD, WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set*, excluding TCLP metals for EB sample
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 0855
WEATHER:	50°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-15
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-15
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand & f-gravel
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

PARSONS
SURFACE SOIL SAMPLING RECORD

SITE NAME:	NYSDEC - William St. Park #851055
PROJECT NUMBER:	452203.02000
SAMPLING DATE / TIME:	11/20/20 -- 0825
WEATHER:	48°F; sunny
SAMPLERS:	R. Inclima of Parsons
	of
SAMPLE ID:	WSP_SS-16
SAMPLING METHOD:	shovel/homogenization
DEPTH OF SAMPLE:	0-2"

DESCRIPTION OF SAMPLING POINT

LOCATION:	SS-16
PHYSICAL APPEARANCE:	damp, soft, brown SILT, little f-sand, trace clay
VEGETATION:	grass, roots
DRAINAGE DIRECTION:	S

SAMPLE DESCRIPTION

TEXTURE:	soft
COLOR:	brown
ODOR:	earth
OTHER:	none

SAMPLE ANALYSIS / QA/QC / CHAIN OF CUSTODY

ANALYZE FOR:	full parameter set*
QA/QC SAMPLE ID:	WSP_EB-01_112020
ANALYZE QA/QC SAMPLES FOR:	full parameter set* except TCLP metals
DATE/TIME REFRIGERATED:	-
CHAIN OF CUSTODY NUMBER:	WSP-014
SHIPPED VIA:	FedEx
LABORATORY:	Test America

COMMENTS / MISCELLANEOUS

*metals, TCLP metals, SVOCs + 1,4-Dioxane, cyanide, hexavalent & trivalent chromium, VOCs, pesticides, PCBs + total, herbicides, TPH, PFAS

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

APPENDIX C – SOIL BORING LOGS AND WELL CONSTRUCTION LOGS

NOTE: The term "trace" as it appears in the soil boring descriptions is specific to the Burmister Soil Classification system whereas trace is indicative of a sample containing 10% or less of a given soil component.

Contractor:	Aztech	**PARSONS** **DRILLING RECORD**	**BORING/** Page 1 of 1 **WELL NO.** **WSP-SB-01**
Driller:	B. Gannon, M. Deyette		**Location Description:**
Oversight:	J. Mikochik	**PROJECT NAME:** NYSDEC - Williams St Park #851055	
Rig Type:	Geoprobe 3230DT Track Rig	**PROJECT Location:** Corning, NY	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/4/2020
Drill Start/Finish: 11/5/2020 07:41 - 08:15
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC Drawing Not to Scale	SOIL SAMPLES
MC/SS*	10 - 15	2.1 / 5.0	0.0	SM	1	0.0 - 0.4': Dry to moist, medium dense, dark brown fine SAND and SILT (TOPSOIL).		WSP_SB-01_0.0-0.5 WSP_SB-01_0.5-1.0
	10 - 7		0.0		2	0.4 - 1.8': Dry, medium dense, brown silty fine-coarse SAND, some to little subangular to subround gravel and cobbles.		WSP_SB-01_1.0-2.0
	4 - 7		0.0		3	1.8 - 5.0': Dry, medium dense, brown/gray/black silty fine-coarse SAND, little to trace fine-coarse gravel, little ash, trace slag, brick, and coal.		WSP_SB-01_2.0-4.0 (full parameter set)
	7 - 6		0.0		4			
	4 - 8		0.0		5			
MC/SS*	8 - 7	1.3 / 5.0	0.0	SM	6	5.0 - 8.3': Moist, medium dense, brown/gray/black silty fine-coarse SAND, little to trace fine-coarse gravel, little ash, trace slag, brick, coal, and glass.		WSP_SB-01_5.0-7.0
	9 - 7		0.0		7			
	6 - 7		0.0		8	8.3 - 10.0': Moist, stiff, orange-brown medium-coarse SAND, some clayey silt, little fine sand, little to trace ash, fine-medium subrounded gravel.		
	6 - 4		0.0		9			
	5 - 5		0.0		10			
MC/SS*	5 - 4	0.6 / 5.0	0.0	ML	11	10.0 - 10.3': As Above (8.3 - 10.0'). 10.3 - 11.8': Moist, stiff, clayey SILT and medium-coarse SAND, some to little gravel.		WSP_SB-01_9.2-10.2
	5 - 7		0.0	ML SC	12	11.8 - 12.0': Moist to wet, medium dense, clayey fine SAND.		
			0.0		13	12.0 - 15.0': No Recovery		
			0.0		14			
			0.0		15			
MC		2.9 / 5.0	0.0	SM	16	6" sluff material in top of sleeve. 15.0 - 17.5': Wet, medium dense, brown silty coarse SAND and fine-coarse subround GRAVEL.		
			0.0		17			
			0.0	GM	18	17.5 - 19.0': Saturated, loose, brown subround silty medium-coarse GRAVEL and COBBLES.		
			0.0		19	19.0 - 20.0': Moist to wet, very dense, brown SILT, little subround fine-medium gravel, little to trace clay.		
			0.0	ML	20			
					21	End of boring at 20.0' bgs.		
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*Completed MacroCore on 11/4/2020. On 11/5/2020, additional soil volume collected from 0 - 12' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
Collected one archive glass samples from 6 - 8 ft interval - irregular, translucent glass with opaque white bubbles inside.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PARSONS
DRILLING RECORD

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

BORING/ WELL NO. WSP-SB-2 Page 1 of 1
Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/13/20 9:34
Drill Start/Finish: 11/13/20 10:30
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
SS	1 - 6	2.0 / 2.0	0.0	ML	1	0.0 - 0.8': Moist, medium stiff, brown to dark brown, SILT and fine SAND, trace glass, roots.		WSP_SB-02_0.0-0.5 WSP_SB-02_0.5-1.0
	6 - 9		0.0	GW	2	0.8 - 2.0': Dry, medium dense, gray/white/black ASH, some glass cullet, little gravel, brick, little to trace slag.		WSP_SB-02_1.0-2.0 + DUP
SS	13 - 19	1.7 / 2.0	0.0	GW	3	2.0 - 3.3': Dry, medium dense, gray/white/black ASH, some glass cullet, little gravel, brick, little to trace slag.		
	6 - 3		0.0	SM	4	3.3 - 4.0': Dry, loose, brown fine SAND and SILT, little ash, slag, gravel, trace glass cullet (some large).		WSP_SB-02_3.0-5.0 (full parameter set)
SS	4 - 5	2.0 / 2.0	0.0	SM	5	4.0 - 6.0': Dry, loose, brown fine SAND and SILT, little ash, slag, gravel, trace glass cullet (some large).		
	6 - 5		0.0		6			
SS	6 - 8	2.0 / 2.0	0.0	SM	7	6.0 - 8.0': Dry, medium dense, gray-brown, fine SAND and SILT, orange mottling, roots.		WSP_SB-02_6.0-7.0 + DUP
	7 - 6		0.0		8			
SS	10 - 6	2.0 / 2.0	0.0	ML	9	8.0 - 10.0': Dry, stiff, brown to yellow-brown SILT, little fine sand, trace clay, gray mottles.		WSP_SB-02_8.0-10.0
	6 - 8		0.0		10			
					11	End of boring at 10.0' bgs.		
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
Collected multiple archive glass samples and ceramnic samples from 0.8 - 6 ft interval. Glass types variable in opacity (transparent to opaque), color (clear and fluorescent green).

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PARSONS
DRILLING RECORD

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

BORING/ WELL NO. WSP-SB-03 Page 1 of 1
Location Description:

Location Plan

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	20		ft bls
Measured Water Level:			ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/3/2020
Drill Start/Finish: 11/3/2020
Well Install Start/Finish: N/A

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL
MC/SS*		2.2 / 5.0	0.0	SP	1	0.0 - 2.0': Dry, loose, brown fine SAND, some silt, little gravel.
			0.0		2	
			0.0	SW	3	2.0 - 5.0': Dry, loose, tan/white/orange ASH, little fine sand, trace slag, brick.
			0.0		4	
			0.0		5	
MC		2.0 / 5.0	0.0	SW	6	5.0 - 10.0': Dry, loose, tan/white/orange ASH, little fine sand, trace slag, brick, coal. Abundant coal and slag in last 6 inches.
			0.0		7	
			0.0		8	
			0.0		9	
			0.0		10	
MC		3.4 / 5.0	0.0	SW	11	10 - 12.0': Dry, loose, tan/white/orange ASH, little fine sand, trace slag, brick, coal.
			0.0		12	12.0 - 15.0': Brown silty CLAY with orange mottling, stiff, moist.
			0.0	CL	13	
			0.0		14	
			0.0		15	
MC		2.2 / 5.0	0.0	CL	16	6" sluff material in top of sleeve. 15.0 - 17.5': Wet, medium dense, brown silty coarse SAND and fine-coarse subround GRAVEL.
			0.0	GP	17	
			0.0	GP	18	17.5 - 19.0': Saturated, loose, brown subround silty medium-coarse GRAVEL and COBBLES.
			0.0		19	19.0 - 20.0': Moist to wet, very dense, brown SILT, little subround fine-medium gravel, little to trace clay.
			0.0		20	
MC		2.0 / 5.0	0.0	SM/GM	21	6" sluff material - ash mixed with silt and sand. 20.0 - 23.0': Wet, dense, gray-brown silty medium-coarse SAND and fine-medium subangular GRAVEL.
			0.0		22	
			0.0		23	
			0.0	GM	24	23.0 - 25.0': Wet, dense, grayish-brown, silty fine-coarse GRAVEL, little cobbles and sand.
			0.0		25	

SCHEMATIC
Drawing Not to Scale

SOIL SAMPLES
WSP_SB-03_0.0-0.5
WSP_SB-03_0.5-1.0
WSP_SB-04_1.0-4.0 (full parameter set)
WSP_SB-03_11.5-13.5

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 4' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS
DRILLING RECORD

BORING/ WELL NO. WSP-SB-8A

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS

Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/11/20 7:54
Drill Start/Finish: 11/11/20 8:04
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
SS	8 - 4	2.0 / 2.0	0.0	SM	1	0.0 - 0.5': Moist, medium dense, dark brown fine SAND and SILT (TOPSOIL). 0.5 - 1.7': Dry, medium dense, brown silty fine SAND, little glass fragments at 1.5 ft.		
	10 - 8		0.0	SM SW	2	1.7 - 2.0': Dry, loose, gray/tan/white ASH (mostly fine-medium sand-sized), little gravel and cobbles, trace coal and brick.		WSP_SB-03_1.0-2.0
SS	3 - 4	2.0 / 2.0	0.0	SW	3	2.0 - 3.5': Dry, loose, multi-colored ASH (mostly fine-medium sand-sized), little gravel and cobbles, trace coal and brick.		WSP_SB-03_2.5-3.5
	4 - 5		0.0	SW ML	4	3.5 - 4.0': Dry, medium dense, brown SILT and fine SAND, trace coal.		WSP_SB-03_3.5-4.0
					5	End of boring at 4.0' bgs.		
					6			
					7			
					8			
					9			
					10			
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
WSP-SB-03A was completed within several feet of WSP-SB-03 to obtain more discrete samples from 1 - 4 ft interval.
Collected glass archive samples from 1.5 - 4 ft interval.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor:	Aztech	PARSONS **DRILLING RECORD**	**BORING/** Page 1 of 1 **WELL NO. WSP-SB-04**
Driller:	B. Gannon, M. Deyette		**Location Description:**
Oversight:	J. Mikochik	**PROJECT NAME:** NYSDEC - Williams St Park #851055	
Rig Type:	Geoprobe 3230DT Track Rig	**PROJECT Location:** Corning, NY	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	18.5		ft bls
Measured Water Level:			ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/3/20 8:43
Drill Start/Finish: 11/3/20 10:25
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC Drawing Not to Scale	SOIL SAMPLES
MC/SS*		3.0 - 3.5	0.0	ML	1	0.0 - 0.5': Moist, loose to medium dense, brown SILT, little fine sand (TOPSOIL). 0.5 - 2.5': Dry, loose, brown fine silty SAND, some to little ash and brick, and glass fragments.		WSP_SB-04_0.0-0.5 WSP_SB-04_0.5-1.0 WSP_SB-04_1.0-2.0 (full parameter set)
			0.0	SM	2			
			0.0	SW	3	2.5 - 3.5': Dry, loose, brown fine SAND, some fine-medium subround gravel, trace brick.		
			0.0		4	3.5 - 5.0': Dry, loose, white/tan/gray/black ASH (sand to gravel-sized), trace glass, brick, and slag.		
			0.0		5			WSP_SB-04_4.0-6.0
MC/SS*		1.5 / 5.0	0.0	SW	6	5.0 - 6.0': Dry, loose, white/tan/gray/black ASH (sand to gravel-sized), trace glass, brick, and slag. 6.0 - 10.0': Dry, loose, brown fine SAND and SILT, little ash (variable colors - tan, gray, orange, to black), trace brick, slag, gravel, glass, and metal.		
			0.0	SM	7			
			0.0		8			
			0.0		9			WSP_SB-04_8.0-10.0
			0.0		10			
MC		0.4 / 5.0	0.0	SW	11	10.0 - 15.0': Dry, medium dense, brown to dark gray ASH, little silt and subrounded gravel. Poor recovery.		
			0.0		12			
			0.0		13			
			0.0		14			
			0.0		15			
MC		2.6 / 5.0	0.0	CL	16	6" sluff material in top of sleeve. 15.0 - 17.5': Wet, medium dense, brown silty coarse SAND and fine-coarse subround GRAVEL.		WSP_SB-04_15.0-17.0
			0.0		17			
			0.0	SC	18	17.5 - 19.0': Saturated, loose, brown subround silty medium-coarse GRAVEL and COBBLES.		
			0.0	GW	19	19.0 - 20.0': Moist to wet, very dense, brown SILT, little subround fine-medium gravel, little to trace clay.		
			0.0		20			
					21	End of boring at 20.0' bgs.		
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 10' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Drilling ceased after discussion with project team that boring is within flood control area.
Borehole grouted with cement-bentonite grout after drilling.
Collected multiple archive glass samples from 4 - 6 ft interval. Glass types ranged in color from clear to light blue.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor:	Aztech	**PARSONS**	**BORING/** Page 1 of 1
Driller:	B. Gannon, M. Deyette	**DRILLING RECORD**	**WELL NO. WSP-SB-05**
Oversight:	J. Mikochik		**Location Description:**
Rig Type:	Geoprobe 3230DT Track Rig	**PROJECT NAME:** NYSDEC - Williams St Park #851055	
		PROJECT Location: Corning, NY	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	14		ft bls
Measured Water Level:			ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/6/20 9:40
Drill Start/Finish: 11/6/20 10:50
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
MC/SS*	5 - 10	2.9 / 5.0	0.0	SM	1	0.0 - 0.7': Moist, medium dense, brown fine SAND and SILT, trace gravel. 0.7 - 3.0': Dry, dense, brown fine SAND and SILT, some fine-coarse subround gravel & cobbles, trace brick, ash, and coal from 1 - 3 ft, trace glass at 2.2 ft.		WSP_SB-05_0.0-0.5 WSP_SB-05_0.5-1.0
	11 - 12		0.0		2	3.0 - 4.0': Dry, dense, gray-brown fine SAND and SILT, little fine-coarse subround gravel & cobbles, little to trace brick, coal, ash, trace glass and slag.		WSP_SB-05_1.0-2.0
	33 - 21		0.0		3	4.0 - 5.0': Dry, dense, brown to gray-brown fine SAND and SILT, little fine-coarse subround gravel, trace glass and furnace brick.		
	23 - 24		0.0		4			
	23 - 18		0.0		5			WSP_SB-05_4.0-6.0
MC/SS*	24 - 10	1.0 / 5.0	0.0	SM	6	5.0 - 6.0': Dry, dense, brown to gray-brown fine SAND and SILT, little fine-coarse subround gravel, some to little cobbles and furnace brick.		
	–		0.0	SP	7	6.0 - 8.0': Dry, gray-brown to gray, fine-medium SAND, some to little furnace brick and gravel, little to trace ash, glass.		
	–		0.0		8			
	8 - 7		0.0		9	8.0 - 10.0': NO RECOVERY		
	6 - 9		0.0		10			
MC/SS*	9 - 4	1.4 / 5.0	0.0	SP / ML	11	10.0 - 10.7': Dry, medium dense, gray fine-medium SAND, some to little red brick and furnace brick, glass, ash, silt.		WSP_SB-05_10.0-11.0 (full parameter set)
	11 - 12		0.0	ML	12	10.7 - 11.6': Moist, very stiff, brown SILT, little fine sand and clay, trace subround gravel.		
	15 - 14		0.0	SM	13	11.6 - 12.0': Dry, very stiff, brown SILT and fine SAND, some angular fine-coarse gravel and cobbles.		WSP_SB-05_12.0-13.0
	14 - 15		0.0		14	12.0 - 14.0': First 0.8 ft of split spoon: sluff fill material mixed with native soil. Last 1.2 ft of split spoon: moist, medium dense, brown silty fine-medium SAND and medium-coarse subangular GRAVEL/COBBLES.		
	15 - 16		0.0		15	14.0 - 16.0': Wet, medium dense, brown, silty fine-coarse SAND and fine-medium GRAVEL, little cobbles.		WSP_SB-05_14.0-16.0
SS*	20 - 25		0.0		16			
			0.0		17	End of boring at 16.0' bgs.		
			0.0		18			
			0.0		19			
			0.0		20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 16' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
Collected multiple archive glass samples from 0 - 5 ft and 10 - 1 ft intervals. Glass types variable in color and opacity (opaque to clear), and of varialbe types (irregular glass cullet, thermometer tubing, glass bottle).

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor: Aztec
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PARSONS
DRILLING RECORD

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

BORING/ Page 1 of 1
WELL NO. WSP-SB-06
Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/6/20 8:22
Drill Start/Finish: 11/6/20 9:01
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
MC/SS*	3 - 5	2.5 / 5.0	0.0	SM	1	0.0 - 0.5': Moist, loose, brown fine SAND and SILT, roots. 0.5 - 1.4': Moist, medium dense, brown, fine silty SAND, little fine-coarse subrounded gravel and cobbles.		WSP_SB-06_0.0-0.5 WSP_SB-06_0.5-1.0
	13 - 15		0.0		2	1.4 - 1.7': Moist, medium dense, brown fine silty SAND, some fine-coarse subrounded gravel and cobbles.		WSP_SB-06_1.0-2.0
	16 - 8		0.0	SP	3	1.7 - 1.9': Dry, medium dense, dark gray-brown fine-coarse SAND, some gravel and cobbles, little silt, dark ash and slag, trace brick and glass.		WSP_SB-06_2.0-3.5 (full parameter set) + MS/MSD
	5 - 3		0.0	SP / ML	4	1.9 - 2.2': Moist to dry, very stiff, brown SILT and fine SAND, trace gravel.		
	3 - 4		0.0		5	2.2 - 2.4': Dry, dense, gray COBBLES. 2.4 - 2.7': Dry, medium dense gray ASH (fine sand-sized), some gravel.		WSP_SB-06_4.0-5.0
MC/SS*	2 - 4	4.3 / 5.0	0.0	ML	6	2.7 - 3.0': Dry, medium dense, brown silty fine SAND, little gravel and cobbles, trace ash and brick.		
	8 - 5		0.0		7	3.0 - 3.3': Dry, loose, white/tan/gray/black ASH (sand to gravel-sized), little (rock) gravel, trace brick, trace coal.		
	6 - 16		0.0		8	3.3 - 5.0': Dry to moist, medium stiff, brown SILT and fine SAND, trace gravel and clay.		
			0.0		9	5.0 - 10.0': Dry to moist, stiff, brown SILT, some fine sand, little clay, trace gravel.		
			0.0		10			WSP_SB-06_9.0-10.0
					11	End of boring at 10.0' bgs.		
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 8' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PARSONS
DRILLING RECORD

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

BORING/ Page 1 of 1
WELL NO. WSP-SB-07
Location Description:

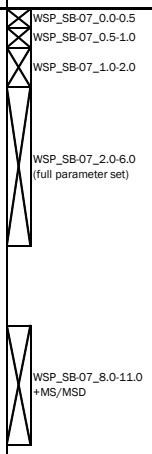
GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	10		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/4/2020
Drill Start/Finish: 11/4/2020
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL
MC/SS*	7 - 17	1.8 / 5.0	0.0	SM	1	0.0 - 0.7': Moist, medium dense, brown fine SAND and SILT (TOPSOIL). 0.7 - 5.0': Moist, loose to dense, brown fine-coarse silty SAND, some to little fine-coarse angular gravel, little gray angular cobbles.
	12 - 10		0.0		2	
	11 - 26		0.0		3	
	23 - 11		0.0		4	
	4 - 8		0.0		5	
MC/SS*	8 - 10	2.3 / 5.0	0.0	SM	6	5.0 - 7.5': Dry, medium dense, brown fine-coarse silty SAND, some to little fine-coarse angular gravel, little gray angular cobbles.
	15 - 12		0.0		7	7.5 - 8.3': Dry, medium dense, coarse gray angular GRAVEL.
	14 - 9		0.0	GP	8	8.3 - 8.7': Moist, medium dense, brown clayey fine-medium SAND, little medium-coarse subrounded gravel.
	8 - 10		0.0	SC	9	8.7 - 10.0': Moist to wet, very stiff, gray to dark gray, organic clayey SILT.
	12 - 9		0.0	OL	10	
MC/SS*		0,6 /5.0	0.0	GM	11	10.0 - 15.0': Saturated, loose, gray silty GRAVEL, little to some cobbles, little to trace medium-coarse sand.
			0.0		12	
			0.0		13	
			0.0		14	
			0.0		15	
					16	
					17	
					18	
					19	
					20	
					21	
					22	
					23	
					24	
					25	

SCHEMATIC
Drawing Not to Scale



SOIL SAMPLES

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 10' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

Contractor:	Aztech	**PARSONS** **DRILLING RECORD**	**BORING/** Page 1 of 1 **WELL NO. WSP-SB-08**
Driller:	B. Gannon, M. Deyette		**Location Description:**
Oversight:	J. Mikochik	**PROJECT NAME:** NYSDEC - Williams St Park #851055	
Rig Type:	Geoprobe 3230DT Track Rig	**PROJECT Location:** Corning, NY	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/5/2020
Drill Start/Finish: 11/5/2020
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC Drawing Not to Scale	SOIL SAMPLES
MC/SS*	7 - 9	2.3 / 5.0	0.0	SM	1	0.0 - 0.7': Moist, medium dense, brown fine SAND and SILT, roots, trace glass (TOPSOIL). 0.7 - 1.7': Moist, medium dense, brown silty fine-medium SAND, some fine-coarse subround gravel, trace glass, coal, and brick. 1.7 - 2.1': Dry, medium dense, gray-brown, fine-medium SAND, some to little fine-coarse subrounded gravel, trace ash, brick, glass, and coal fragments. 2.1 - 2.7': Dry, medium dense, white to tan ASH (fine sand-sized) with some to little coarser fragments, little to trace gravel (rock), little to trace glass cullet, trace brick. 2.7 - 5.0': Dry, medium dense, brown fine SAND and SILT, trace orange mottling.		WSP_SB-08_0.0-0.5 WSP_SB-08_0.5-1.0
	10 - 8		0.0		2			WSP_SB-08_1.0-2.0^
	8 - 8		0.0	SP	3			WSP_SB-08_2.0-3.0 (full parameter set)
	5 - 4		0.0	SM	4			WSP_SB-08_3.0-5.0^
	5 - 4		0.0		5			
MC/SS*	4 - 5	4.0 - 5.0	0.0	SM	6	5.0 - 8.0': Dry to moist, medium dense, brown fine SAND and SILT, trace orange to gray mottling, trace organics.		
	8 - 8		0.0		7			
	7 - 9		0.0		8	8.0 - 10.0': Dry to moist, firm, brown clayey SILT, some to little fine sand, trace organics, gray/orange mottling.		
			0.0	ML	9			
			0.0		10			WSP_SB-08_9.0-10.0
					11	End of boring at 10.0' bgs.		
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 8' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
Collected multiple archive glass samples and one ceramic piece from 2.1 - 2.7 ft interval. Glass types variable in color (white, light green, multi-colored glass), opacity (transparent to opaque), shape (triangular to irregular).
^due to a mix-up with sample labeling which was realized after shipment of samples WSP_SB-08_1.0-2.0 and WSP_SB-08_3.0-5.0 these samples were re-collected on 11/13/2020 by drilling a step-out boring (WSP-SB-08A).
Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS
DRILLING RECORD

BORING/ WELL NO. WSP-SB-8A

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS

Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/13/20 9:03
Drill Start/Finish: 11/13/20 9:27
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL
SS	7 - 7	1.8 / 2.0	0.0	SM	1	0.0 - 0.5': Moist, medium dense, brown fine SAND and SILT, trace gravel, roots (TOPSOIL).
	4 - 4		0.0		2	0.5 - 2.0': Dry, medium dense, brown to grayish-brown silty SAND, some to little medium-coarse gravel, cobbles, little ash, coal, brick, trace glass fragments.
SS	6 - 7	1.8 / 2.0	0.0	SM	3	2.0 - 2.1': As Above (0.5 - 2 ft)
	9 - 10		0.0		4	2.1 - 4.0': Dry, medium dense, brown to gray fine SAND and SILT, trace orange mottling.
SS	5 - 5	2.0 / 2.0	0.0	ML	5	4.0 - 6.0': Dry, stiff, brown SILT, little fine sand, trace clay, trace gray mottling.
	5 - 6		0.0		6	
					7	End of boring at 6.0' bgs.
					8	
					9	
					10	
					11	
					12	
					13	
					14	
					15	
					16	
					17	
					18	
					19	
					20	
					21	
					22	
					23	
					24	
					25	

SCHEMATIC
Drawing Not to Scale

SOIL SAMPLES
WSP_SB-08A_1.0-2.0
WSP_SB-08A_3.0-5.0

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor:	Aztech	PARSONS **DRILLING RECORD**	**BORING/** Page 1 of 1 **WELL NO.** WSP-SB-09
Driller:	B. Gannon, M. Deyette		**Location Description:**
Oversight:	J. Mikochik	**PROJECT NAME:** NYSDEC - Williams St Park #851055	
Rig Type:	Geoprobe 3230DT Track Rig	**PROJECT Location:** Corning, NY	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/3/20 11:32
Drill Start/Finish: 11/3/20 12:00
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC Drawing Not to Scale	SOIL SAMPLES
MC/SS*		2.5 / 5.0	0.0	SM	1	0.0 - 0.7': Dry to moist, medium dense, fine SAND and SILT, trace subrounded gravel (TOPSOIL).		WSP_SB-09_0.0-0.5 WSP_SB-09_0.5-1.0
			0.0	SP	2	0.7 - 1.2': Dry, loose, brown, fine SAND and SILT, some ash, coal, and brick fragments, abundant subrounded gravel from 0.7 - 0.8 ft.		WSP_SB-09_1.0-2.0 (full parameter set)
			0.0	SW / GW	3	1.2 - 1.5': Dry, medium dense, light brown fine SAND, little silt and subrounded gravel. 1.5 - 3.3': Dry, medium dense, white to tan ASH. At 2 - 2.2 ft, zone of brown silty fine sand with little subrounded gravel.		WSP_SB-09_2.0-4.0
			0.0	SP	4	3.3 - 5.0': Dry, dense, brown fine SAND, some silt, little subrounded gravel, trace coal, cinders, and slag.		
			0.0		5			
MC		2.2 / 5.0	0.0	SP	6	5.0 - 10.0': Dry, medium dense, brown fine SAND, some silt, little subrounded gravel, trace coal, cinders, and slag, red brick from 7.5 - 8 ft.		
			0.0		7			
			0.0		8			
			0.0		9			
			0.0		10			
MC	N/A	2.0 / 5.0	0.0	SP	11	10.0 - 12.0': Dry, medium dense, gray-brown fine SAND, some variable-colored ash and gravel, little brick, trace glass cullet.		WSP_SB-09_10.0-12.0
			0.0		12			
			0.0	CL	13	12.0 - 15.0': Moist, stiff, gray to gray-brown silty CLAY with orange mottling.		WSP_SB-09_12.0-14.0
			0.0		14			
			0.0		15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 4' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
Collected multiple archive glass samples from 10 - 12 ft interval. Glass types variable in color (blue, green, red), opacity (translucent to opaque), mostly irregular-shaped.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS
DRILLING RECORD

BORING/ WELL NO. WSP-SB-10 Page 1 of 1

Location Description:

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	N/A		ft bls
Measured Water Level:	N/A		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/4/20 7:35
Drill Start/Finish: 11/4/20 8:50
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
SS		1.8 / 2.0	0.0	SM	1	0 - 0.6': Moist, loose, dark brown, fine silty SAND, little fine-medium subrounded gravel. 0.6 - 2.0': Dry, firm, brown, SILT, little fine sand and fine-coarse gravel & cobbles, trace ash and glass cullet (clear/green/red) fragments. Abundant gray ash with gravel 1.5 - 2.0 ft.		WSP_SB-10_0.0-0.5 WSP_SB-10_0.5-1.0
			0.0	ML	2			WSP_SB-10_1.0-2.0 + DUP
SS	15 - 13	1.5 / 2.0	0.0	GW	3	2.0 - 4.0': Dry, medium dense, gray ASH, trace glass cullet.		
	8 - 5		0.0		4			
SS	5 - 3	1.3 / 2.0	0.0	GW	5	4.0 - 6.0': Dry, loose, variable-colored ash (gray to black to orange/rusty).		
	1 - 1		0.0		6			
SS	1 - 2	0.8 / 2.0	0.0	GW	7	6.0 - 8.0': Dry, very loose, gray ASH, trace glass cullet pieces (including one bottle piece).		WSP_SB-10_6.0-8.0
	1 - 4		0.0		8			
SS	5 - 8	0.6 / 2.0	0.0	GW	9	8.0 - 10.0': Dry, medium dense, gray ASH, trace glass cullet pieces.		
	9 - 10		0.0		10			
SS	11 - 7	2.0 / 2.0	0.0	GW	11	10.0 - 10.5': Dry, medium dense, gray ASH, trace glass cullet pieces. 10.5 - 11.4': Dry, medium dense, dark brown-black SLAG and ASH, trace glass and brick. 11.4 - 11.7': Dry, loose, variable-colored ash (tan/gray/black) with slag, trace brick, glass. 11.7 - 12.0': Moist, medium stiff, gray-brown silty CLAY with orange mottling.		WSP_SB-10_10.0-12.0 (full parameter set)
	5 - 2		0.0	GW/CL	12			
SS	5 - 4	1.3 / 2.0	0.0	CL	13	12.0 - 14.0': Moist, medium stiff, gray-brown silty CLAY with orange mottling.		WSP_SB-10_12.0-14.0
	4 - 5		0.0		14			
					15	End of boring at 14.0' bgs.		
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.
Collected multiple archive glass samples from 0.6 - 8.0 ft interval. Glass types variable in opacity (clear to opaque), irregular-shaped, and one bottle piece.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor:	Aztech					PARSONS	**BORING/**	Page 1 of 1
Driller:	B. Gannon, M. Deyette					**DRILLING RECORD**	**WELL NO.**	**WSP-SB-13**
Oversight:	J. Mikochik					**PROJECT NAME:** NYSDEC - Williams St Park #851055	**Location Description:**	
Rig Type:	Geoprobe 3230DT Track Rig					**PROJECT Location:** Corning, NY		
GROUNDWATER OBSERVATIONS							**Location**	
Apparent Borehole DTW:		N/A		ft bls		**Drill Start/Finish:** 11/13/20 12:45	**Plan**	
Measured Water Level:		N/A		ft bls		**Drill Start/Finish:** 11/13/20 13:15		
Total Depth of Well:		N/A**		ft bls		**Well Install Start/Finish:** N/A		
Additional Comments:								

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC Drawing Not to Scale	SOIL SAMPLES
MC/SS*	2 - 21	3.2 / 5.0	0.0	SM	1	0.0 - 0.7': Dry to moist, medium dense, brown to dark brown, fine SAND and SILT (TOPSOIL).		WSP_SB-13_0.0-0.5
								WSP_SB-13_0.5-1.0
	18 - 10		0.0	ML	2	0.7 - 1.8': Dry to moist, very stiff, SILT and fine-coarse GRAVEL, some cobbles and fine-coarse sand.		WSP_SB-13_1.0-2.0 (full parameter set)
	6 - 9		0.0		3	1.8 - 5.0': Dry, stiff, brown to gray brown, SILT, some fine sand, trace clay, trace coal and brick 1.8 - 2.5 ft.		WSP_SB-13_2.0-4.0 + MS/MSD
	7 - 9		0.0		4			
			0.0		5			WSP_SB-13_5.0-6.0
MC	N/A	5.0 / 5.0	0.0	ML	6	5.0 - 10.0': Dry, stiff, brown to yellow brown, SILT, some fine sand, trace clay, trace gravel 9 - 10 feet.		
			0.0		7			
			0.0		8			
			0.0		9			WSP_SB-13_8.0-10.0
			0.0		10			
					11	End of boring at 10.0' bgs.		
					12			
					13			
					14			
					15			
					16			
					17			
					18			
					19			
					20			
					21			
					22			
					23			
					24			
					25			

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:

*After completing MacroCore, additional soil volume collected from 0 - 4' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.

**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

Contractor:	Aztech	PARSONS **DRILLING RECORD**	**BORING/** Page 1 of 1 **WELL NO.** **WSP-SB-14**
Driller:	B. Gannon, M. Deyette		**Location Description:**
Oversight:	J. Mikochik	**PROJECT NAME:** NYSDEC - Williams St Park #851055	
Rig Type:	Geoprobe 3230DT Track Rig	**PROJECT Location:** Corning, NY	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	15		ft bls
Measured Water Level:	19.4		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/10/20 12:49
Drill Start/Finish: 11/10/20 13:50
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC Drawing Not to Scale	SOIL SAMPLES
MC/SS*	3 - 10	2.6 / 5.0	0.0	SM	1	0.0 - 0.7': Moist, loose, brown to dark brown, fine SAND and SILT (TOPSOIL). 0.7 - 1.1': Dry, loose, brown, silty fine-coarse SAND, some fine-coarse subrounded gravel and cobbles.		WSP_SB-14_0.0-0.5 WSP_SB-14_0.5-1.0
	11 - 18		0.0		2	1.1 - 2.2': Dry, medium dense, brown, silty fine-medium SAND, some fine-coarse subrounded gravel and cobbles, trace coal, glass (1.3 - 1.5 ft), and potential ash material.		WSP_SB-14_1.0-2.0 (full parameter set)
	18 - 12		0.0	ML	3	2.2 - 3.4': Dry, very stiff, dark gray-brown SILT, little clay, fine sand, and gravel, trace brick, wood fragments, and potential ash material.		WSP_SB-14_2.0-3.5 + DUP, MS/MSD
	10 - 9		0.0		4	3.4 - 4.5': Dry to moist, very stiff, brown to yellow-brown, clayey SILT, trace fine sand and gravel. 4.5 - 5.0': Moist, very stiff, brown SILT, some fine-coarse gravel, little clay and fine sand.		
	14 - 10		0.0		5			WSP_SB-14_3.5-5.0
MC/SS*	10 - 10	2.4 / 5.0	0.0	ML	6	5.0 - 6.5': Moist, very stiff, brown SILT, some fine-coarse gravel, little clay and fine sand. 6.5 - 10.0': Moist, very stiff, brown SILT and fine-medium SAND, some fine-coarse subrounded to subangular gravel, little clay.		
	3 - 10		0.0		7			
	11 - 20		0.0		8			
			0.0		9			
			0.0		10			
MC	N/A	1.6 / 5.0	0.0	ML	11	10.0 - 13.0': Dry, stiff, brown SILT and fine SAND, some gravel.		
			0.0		12			
			0.0		13	13.0 - 15.0': Moist to wet, medium dense, brown, silty fine-medium SAND, some to little fine-medium subrounded gravel.		
			0.0	SM	14			
			0.0		15			
MC	N/A	2,0 / 5.0	0.0	GM	16	6" sluff material in top of sleeve. 15.0 - 17.5': Wet, medium dense, brown silty coarse SAND and fine-coarse subround GRAVEL.		
			0.0		17			
			0.0	SW	18	17.5 - 19.0': Saturated, loose, brown subround silty medium-coarse GRAVEL and COBBLES.		WSP_SB-14_17.0-19.0
			0.0		19	19.0 - 20.0': Moist to wet, very dense, brown SILT, little subround fine-medium gravel, little to trace clay.		
			0.0	SP	20			
MC	N/A	2,6 / 5.0	0.0	GM	21	20.0 - 22.0': Wet, medium dense, brown, silty GRAVEL, some medium-coarse sand.		
			0.0		22			
			0.0	GW	23	22.0 - 24.5': Saturated, medium dense, brown fine-coarse GRAVEL.		
			0.0		24	24.5 - 25.0': Saturated, medium dense, brown medium-coarse SAND, trace gravel.		
			0.0	GW SW	25	End of boring at 25' bgs.		

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 8' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PARSONS
DRILLING RECORD

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

BORING/ Page 1 of 1
WELL NO. WSP-SB-15
Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	17.5		ft bls
Measured Water Level:	18		ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/10/20 8:56
Drill Start/Finish: 11/10/20 10:20
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
MC/SS*	8 - 12	3.5 / 5.0	0.0	ML / SP	1	0.0 - 0.5': Moist, medium dense, dark brown fine SAND and SILT (TOPSOIL). 0.5 - 0.7': Dry, medium dense, brown, medium-coarse SAND & fine GRAVEL.		WSP_SB-15_0.0-0.5 WSP_SB-15_0.5-1.0
	12 - 35		0.0	SM	2	0.7 - 1.7': Dry, medium dense, gray-brown, silty fine SAND, little fine-medium subrounded cobbles and clay, trace brick (potential furnace brick) and coal.		WSP_SB-15_1.0-2.0 (full parameter set)
	28 - 20		0.0	GP	3	1.7 - 2.5': Dry, dense, gray COBBLES and medium-coarse subangular gravel (broken-up concrete and rock), little fine-coarse sand.		WSP_SB-15_2.0-3.0
	23 - 20		0.0	ML	4	2.5 - 5.0': Dry, very stiff to hard, yellow-brown to brown sandy SILT, little to trace subangular gravel.		WSP_SB-15_3.0-5.0
	18 - 12		0.0		5			
MC/SS*	18 - 27	3.4 / 5.0	0.0	ML	6	5.0-10.0': Dry, very stiff to hard, yellow-brown to brown sandy SILT, little to trace subangular gravel.		
	36 - 12		0.0		7			
	10 - 16		0.0		8			
			0.0		9			
			0.0		10			
MC	N/A	2.6 / 5.0	0.0	SW	11	10.0 - 14.0': Dry, dense, brown, silty fine-medium SAND, some fine-coarse subangular gravel.		
			0.0		12			
			0.0		13			
			0.0		14	14.0 - 15.0': Dry, medium dense, brown, fine-coarse SAND, little fine-coarse subangular gravel.		
			0.0		15			
MC	N/A	1.8 / 5.0	0.0	SW	16	6" sluff material in top of sleeve. 15.0 - 17.5': Wet, medium dense, brown silty coarse SAND and fine-coarse subround GRAVEL.		
			0.0	SM	17			WSP_SB-15_16.0-18.0
			0.0		18	17.5 - 19.0': Saturated, loose, brown subround silty medium-coarse GRAVEL and COBBLES.		
			0.0		19	19.0 - 20.0': Moist to wet, very dense, brown SILT, little subround fine-medium gravel, little to trace clay.		
			0.0		20			
MC	N/A	3.0 / 5.0	0.0	GM	21	20.0 - 21.5': Moist to wet, medium dense, brown fine-coarse subangular to subrounded silty GRAVEL, little medium to coarse sand.		
			0.0	SM	22	21.5 - 23.0': Moist to wet, medium dense, brown silty fine-coarse SAND, some fine-coarse subangular gravel.		
			0.0		23			
			0.0	GW	24	23.0 - 25.0': Saturated, medium dense, brown fine-coarse subangular to subround GRAVEL, little medium-coarse sand, trace silt.		
			0.0		25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 8' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

Contractor: Aztec
Driller: B. Gannon, M. Deyette
Oversight: J. Mikochik
Rig Type: Geoprobe 3230DT Track Rig

PARSONS
DRILLING RECORD

PROJECT NAME: NYSDEC - Williams St Park #851055
PROJECT Location: Corning, NY

BORING/ WELL NO. WSP-SB-16 Page 1 of 1
Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	11		ft bls
Measured Water Level:			ft bls
Total Depth of Well:	N/A**		ft bls
Additional Comments:			

Drill Start/Finish: 11/9/20 14:00
Drill Start/Finish: 11/9/20 14:50
Well Install Start/Finish: N/A

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	SOIL SAMPLES
MC/SS*	7 - 20	3.4 / 5.0	0.0	SM	1	0.0 - 1.0': Dry to moist, medium dense, dark brown, fine SAND and SILT, little subround gravel, trace cobbles and brick (TOPSOIL).		WSP_SB-16_0.0-0.5 WSP_SB-16_0.5-1.0
	35 - 36		0.0	ML	2	1.0 - 2.2': Dry to moist, hard, brown to yellow-brown, SILT, some fine sand and subrounded to subangular medium-coarse gravel and cobbles, trace brick and coal.		WSP_SB-16_1.0-2.0
	35 - 20		0.0	SM	3	2.2 - 4.2': Dry to moist, dense, dark gray-brown, fine SAND and SILT, little subrounded fine to coarse gravel, trace coal, brick, and ash-like material (very sparse). Trace glass (very small fragments).		WSP_SB-16_2.0-4.0 (full parameter set)
	12 - 15		0.0		4	4.2 - 5.0': Moist, very stiff, yellow-brown SILT, some fine to coarse subrounded gravel and cobbles, little sand and clay.		
	13 - 9		0.0	ML	5			
MC/SS*	12 - 13	1.9 / 5.0	0.0		6	5.0 - 6.6': Moist, very stiff, yellow-brown SILT, some fine to coarse subrounded gravel and cobbles, little sand and clay.		WSP_SB-16_5.0-6.0
	14 - 7		0.0		7	6.6 - 7.5': Moist, very stiff, yellow-brown SILT, little sand and clay, little to trace fine to coarse subrounded gravel and cobbles.		
	7 - 7		0.0	SW	8	7.5 - 10.0': Moist, medium dense, brown, fine-coarse SAND, some fine-coarse subrounded gravel, trace silt.		
	11 - 12		0.0		9			
	15 - 16		0.0		10			
MC	N/A	2.3 / 5.0	0.0	SW	11	10.0 - 15.0': Moist to wet, medium dense, brown, fine-coarse SAND, some to little fine-coarse subrounded gravel, trace cobbles. Wet at 11 feet.		
			0.0		12			
			0.0		13			
			0.0		14			
			0.0		15			WSP_SB-16_14.0-16.0
MC	N/A	2.9 / 5.0	0.0	SM / GM	16	6" sluff material in top of sleeve. 15.0 - 17.5': Wet, medium dense, brown silty coarse SAND and fine-coarse subround GRAVEL.		
			0.0		17			
			0.0		18	17.5 - 19.0': Saturated, loose, brown subround silty medium-coarse GRAVEL and COBBLES.		
			0.0		19	19.0 - 20.0': Moist to wet, very dense, brown SILT, little subround fine-medium gravel, little to trace clay.		
			0.0		20			
					21	End of boring at 20.0' bgs.		
					22			
					23			
					24			
					25			

SAMPLING METHOD
HC = Hand Cleared (post hole) HS = Hollow Stem
MC = MacroCore SS = Split Spoon

COMMENTS:
*After completing MacroCore, additional soil volume collected from 0 - 10' bgs by stepping out 1-2 ft from original borehole and driving a 2" diameter, 2 ft long split spoon into ground.
**No Monitoring well at this location. Borehole grouted with cement-bentonite grout after drilling.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

PARSONS

APPENDIX D – TEST PIT LOGS

NOTE: The term "trace" as it appears in the soil descriptions is specific to the Burmister Soil Classification system whereas trace is indicative of a sample containing 10% or less of a given soil component.

PARSONS

ENVIRONMENTAL TEST PIT LOG

TEST PIT ID: WSP-TP-01

Contractor:	Aztech		
Operator:	John Stutzke	**PROJECT NAME:**	NYSDEC - William St Park #851055
Oversight:	Matt Colbert	**PROJECT Location:**	Corning, NY
Equipment:	Kubota mini excavator	**PROJECT Number:**	452202.02000
Weather:	66°F, sunny, wind 12 mph NW	**Date/Time Start:**	11/5/20 11:25
		Date/Time Finish:	11/5/20 13:55

Test Pit Information:

Length:	10 ft
Width:	2 ft
Total Depth:	6 ft
Measured DTW:	N/A

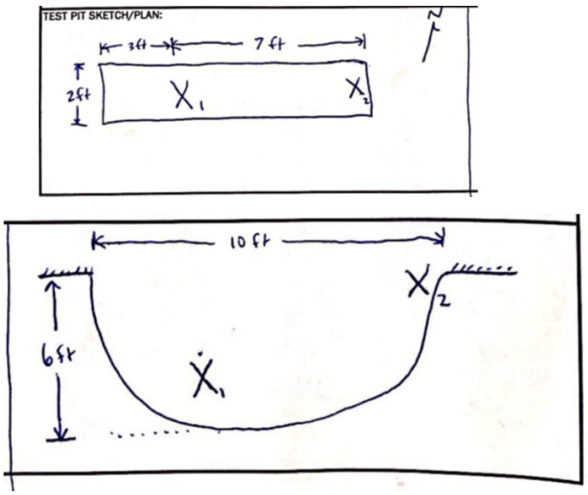
Groundwater not observed

Sample Type	Sample ID	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	Comments
Soil	WSP-TP-01_0.0-0.5	0.0	ML		0.0 - 0.5': TOPSOIL, trace roots.	
			SM	1	0.5 - 1.0': FILL: Silty SAND with gravel.	
		0.0	SM	2	1.0 - 2.0': FILL: Silty SAND with gravel, trace cobbles.	
		0.0	SM	3	2.0 - 3.5': FILL: Silt, Cobbles, and gravel.	
		0.0	GP	4	3.5 - 4.5': FILL: White ash	
		0.0	GP			
Soil	WSP-TP-01_4.5-5.0 + DUP			5	4.5 - 5.0': FILL: White, red, and pink ash, glass fragments (broken bottles), slag, iron rubbish.	
		0.0	GP	6	5.0 - 6.0': FILL: Ash, brick, and glass, significant quantities. Primarily ash.	
				7	End of Test Pit at 6.0 ft bgs	
				8		

NOTES: Ash layer begins at 5 ft bgs and extends to 6 ft bgs. The layer is observable in the sidewalls of the test pit.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

TEST PIT SKETCH/PLAN:



PHOTOS:





PARSONS

PARSONS
ENVIRONMENTAL TEST PIT LOG

TEST PIT ID: WSP-TP-02

Contractor:	Aztech		
Operator:	John Stutzke	**PROJECT NAME:**	NYSDEC - William St Park #851055
Oversight:	Matt Colbert	**PROJECT Location:**	Corning, NY
Equipment:	Kubota mini excavator	**PROJECT Number:**	452202.02000
Weather:	70°F,sunny, wind 12 mph SE	**Date/Time Start:**	11/5/20 14:20
		Date/Time Finish:	11/5/20 16:10

Test Pit Information:
Length: 11 ft
Width: 2 ft
Total Depth: 4.5 ft
Measured DTW: N/A
Groundwater not observed

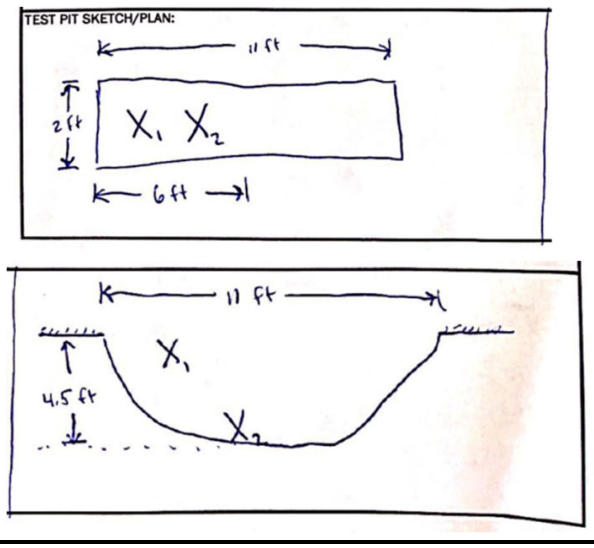
Sample Type	Sample ID	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	Comments
		0.0	ML GP	1	0.0 - 0.7': TOPSOIL, organics 0.7 - 3.0': FILL: White and black ash, red brick, some glass fragments.	
Soil	WSP-TP-02_1.0-1.5	0.0	GP	2		
		0.0	GP	3		
		0.0	GP	4	3.0 - 4.5': FILL: White and black ash, red bric,, some glass fragments, miscallaneous metal and rubbish, coal/charcoal, and slag.	
Soil	WSP-TP-02_4.0-4.5	0.0	GP			
				5	End of Test Pit at 4.5 ft bgs	
				6		
				7		
				8		

NOTES: Variable ash colors - white, gray, black, and rusted.

Collected 3 archive glass samples from 0.7 - 4.0 ft interval. Glass types were clear and included tubing, irregular, and rectangular-shaped fragments.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

TEST PIT SKETCH/PLAN:



PHOTOS:





PARSONS

PARSONS

ENVIRONMENTAL TEST PIT LOG

TEST PIT ID: WSP-TP-03

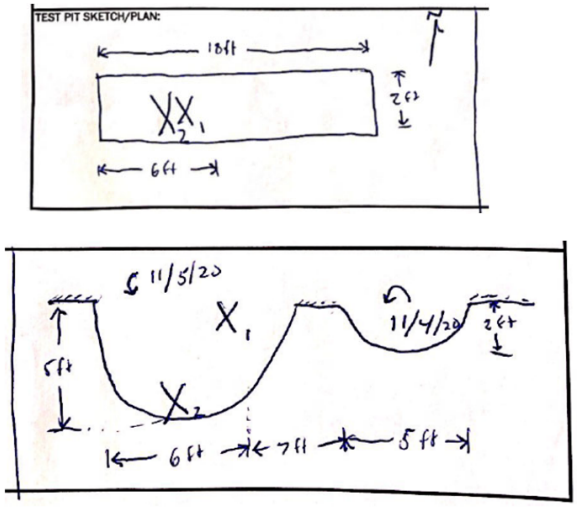
Contractor:	Aztech			**Test Pit Information:**	
Operator:	John Stutzke	**PROJECT NAME:**	NYSDEC - William St Park #851055	**Length:**	18 ft
Oversight:	Matt Colbert	**PROJECT Location:**	Corning, NY	**Width:**	2 ft
Equipment:	Kubota mini excavator	**PROJECT Number:**	452202.02000	**Total Depth:**	5 ft
Weather:	11/4/20: 70°F,sunny, wind 12 mp	**Date/Time Start:**	11/4/2020; 11/5/2020 07:30	**Measured DTW:**	N/A
11/5/20: 41°F,sunny, wind SW 4 mph		**Date/Time Finish:**	11/5/20 10:30	Groundwater not observed	

Sample Type	Sample ID	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	Comments
		0.0	ML	1	0.0 - 1.0': TOPSOIL with glass, ash.	
Soil	STP-TP-03_0.5-1.0 + MS/MSD					
		0.0	GP	2	1.0 - 2.0': White and red ash, brick, and glass.	
		0.0	GP	3	2.0 - 5.0': Ash, brick, and glass, significant quantities.	
		0.0	GP	4		
Soil	STP-TP-03_4.0-4.5	0.0	GP	5		
		0.0	SM	6	End of Test Pit at 5.0 ft bgs	
		0.0	SM	7		
		0.0	SM	8		

NOTES: Collected multiple archive glass samples from within 1.0 - 5.0 ft interval: opaque to translucent glass pieces; clear to blue; shape - primarily irregular, one bottle piece.

Trace is defined in soil classification terms as containing 10% or less of a soil component.

TEST PIT SKETCH/PLAN:



PHOTOS:



PARSONS

PARSONS
ENVIRONMENTAL TEST PIT LOG

TEST PIT ID: WSP-TP-04a

Contractor: Aztech
Operator: John Stutzke
Oversight: R. Inclima
Equipment: Kubota mini excavator
Weather: 65°F, sunny

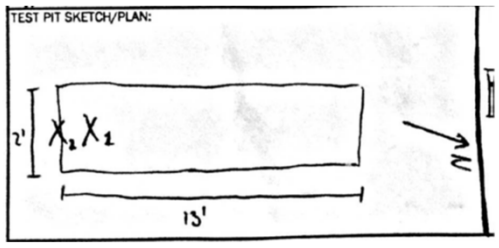
PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY
PROJECT Number: 452202.02000
Date/Time Start: 11/6/20 7:53
Date/Time Finish: 11/6/20 9:00

Test Pit Information:
Length: 13 ft
Width: 2 ft
Total Depth: 4.5 ft
Measured DTW: N/A
Groundwater not observed

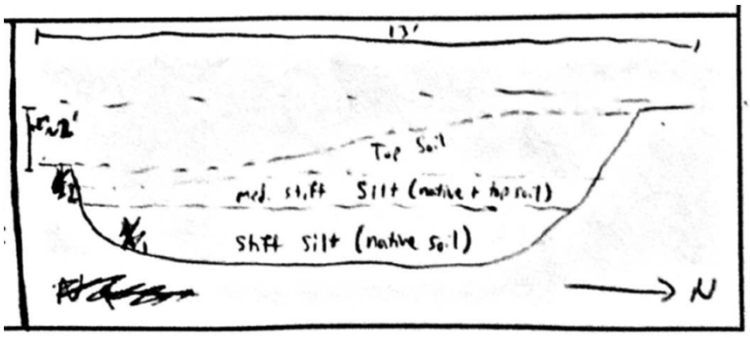
Sample Type	Sample ID	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	Comments
		0.0	ML	1	0.0 - 1.0': TOPSOIL: Damp, soft, brown SILT, some m-c gravel and cobbles, trace glass (1 piece). Topsoil thickness varies between 1.0 ft (northern end of test pit) to 0.5 ft (southern end of test pit).	
Soil	STP-TP-04a_1.0-1.5	0.0	ML	2	1.0-2.0': FILL: Damp to dry, stiff, brown SILT, some f-c gravel, little cobbles, trace brick.	
		0.0	ML	3	2.0-4.5': Damp to dry, stiff, light brown SILT, some clay and f-c gravel and cobbles.	
		0.0	ML	4		
Soil	STP-TP-04a_4.0-4.5		ML			
				5	End of Test Pit at 4.5 ft bgs	
				6		
				7		
				8		

NOTES:
Trace is defined in soil classification terms as containing 10% or less of a soil component.

TEST PIT SKETCH/PLAN:



PHOTOS:



PARSONS

APPENDIX E – ARCHIVE SAMPLE LOGS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-01-110520-01-AG
SAMPLE LOCATION: SB-01 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1 X 0.75
SHAPE: Irregular
COLOR: Clear with white bubbles inside the glass
OPACITY: Translucent with opaque white bubbles
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-02-111320-01-AG
SAMPLE LOCATION: SB-02 between 2 ft and 6 ft below ground surface
DATE COLLECTED: 11/13/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 1.5 X 1 X 0.13
SHAPE: Irregular, some curved like part of a bottle or container

COLOR: Clear

OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: Includes five glass pieces. One piece has embossed “sale” and on the next line “ttle”. The script was cut off on both lines of text.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

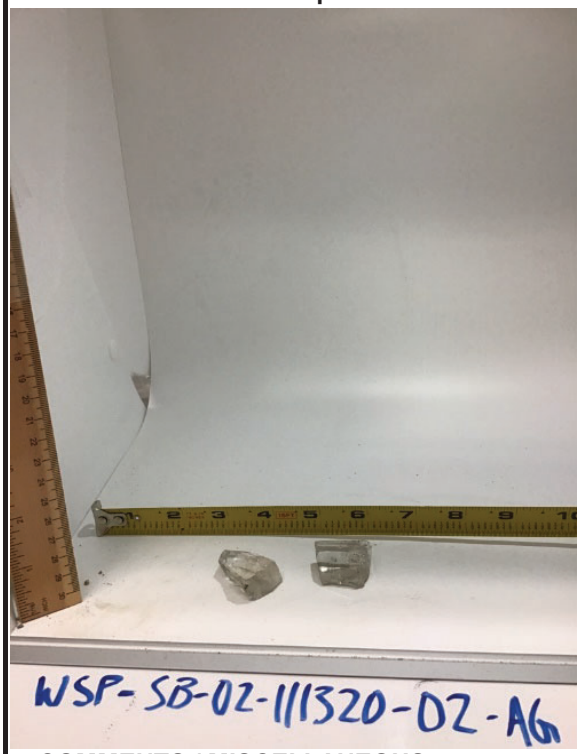
PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-02-111320-02-AG
SAMPLE LOCATION: SB-02 between 2 ft and 6 ft below ground surface
DATE COLLECTED: 11/13/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1 X 0.75 X 0.5
SHAPE: Irregular
COLOR: Clear
OPACITY: Translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: Includes two glass pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-02-111320-03-AG
SAMPLE LOCATION: SB-02 between 2 ft and 6 ft below ground surface
DATE COLLECTED: 11/13/2020

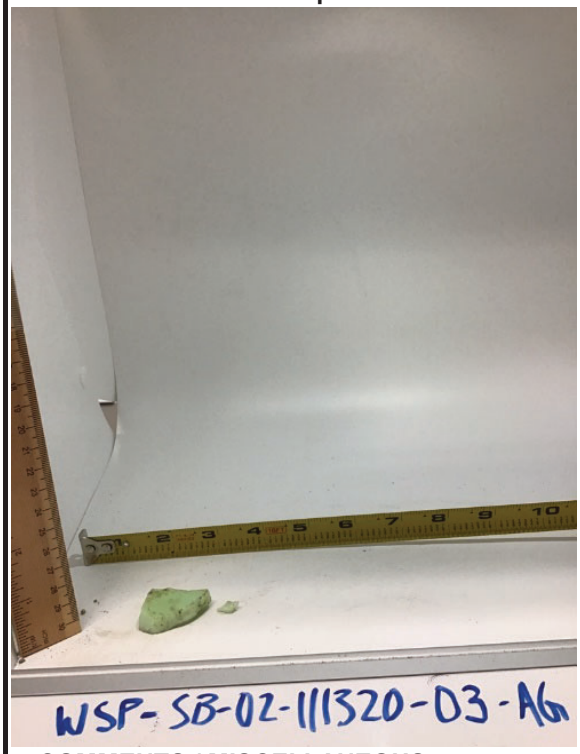
ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1 X 0.25
SHAPE: Irregular

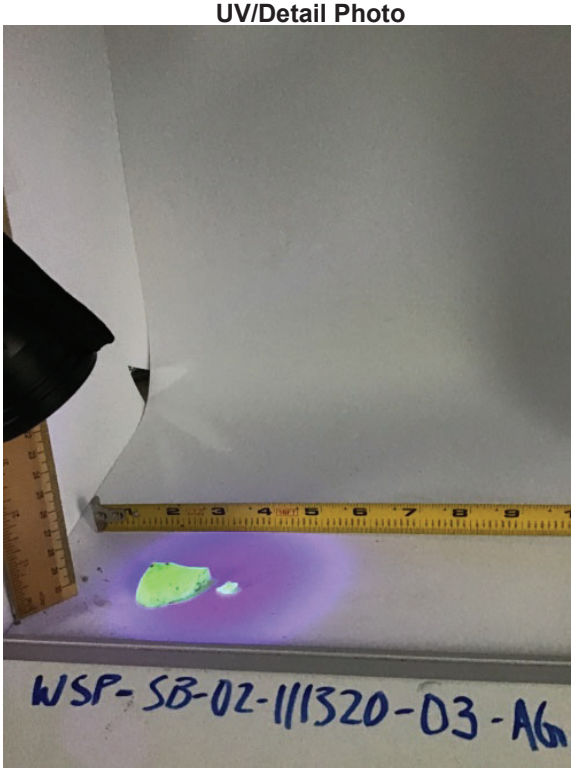
COLOR: Glow-in-the-dark green

OPACITY: Opaque
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does fluoresce under UV light
OTHER: Includes two glass pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-02-111320-04-AG
SAMPLE LOCATION: SB-02 between 0.8 ft and 2 ft below ground surface
DATE COLLECTED: 11/13/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.25 X 0.5 X 0.25
SHAPE: Irregular

COLOR: Clear. One piece of white glass.

OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: 6 total glass pieces. 5 clear and 1 white.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-02-111320-05-CS
SAMPLE LOCATION: SB-02 between 0.8 ft and 2 ft below ground surface
DATE COLLECTED: 11/13/2020

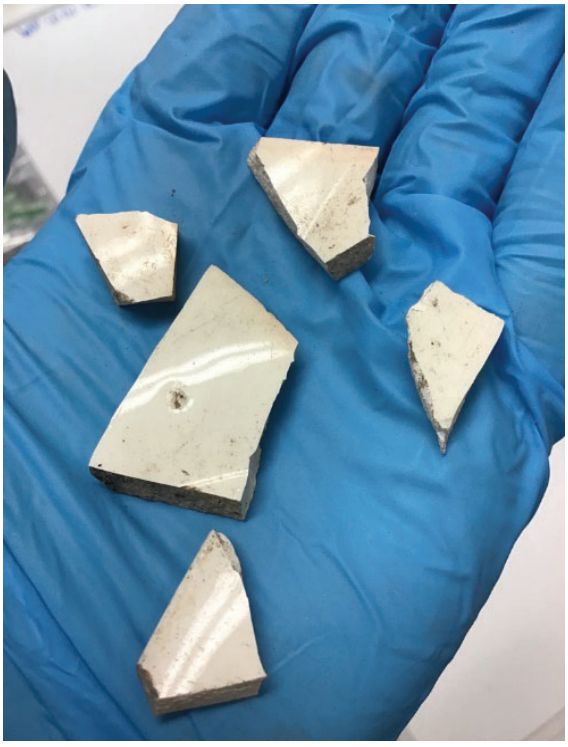
ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.25 X 0.75 X 0.25
SHAPE: Irregular and flat
COLOR: White
OPACITY: Opaque
FRACTURE/ANGULARITY: Clean breaks along the ceramic pieces. The faces are generally smooth.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: Includes five ceramic pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-3A-111220-01-AG
SAMPLE LOCATION: SB-3A between 1.5 ft and 4 ft below ground surface
DATE COLLECTED: 11/12/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1.5 X 0.5
SHAPE: Irregular
COLOR: Clear
OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes four glass pieces. Two of the pieces have rounded sids (like from a bottle). One piece has a flat face.

Sample Photo



UV/Detail Photo

COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-04-110320-01-AG
SAMPLE LOCATION: SB-04 between 4 ft and 6 ft below ground surface
DATE COLLECTED: 11/3/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1 X 0.5
SHAPE: Irregular

COLOR: Light blue

OPACITY: Translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-04-110320-02-AG
SAMPLE LOCATION: SB-04 between 4 ft and 6 ft below ground surface
DATE COLLECTED: 11/3/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1 X 1 X 0.25
SHAPE: Irregular. Two pieces are rounded. Two other pieces have ridges on the surface.
COLOR: Clear
OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: Includes five glass pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-01-AG
SAMPLE LOCATION: SB-05 between 5 ft and 10 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 0.5 X 0.5 X 0.5
SHAPE: Lip of bottle

COLOR: Clear

OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: Half of the (presumed) circular piece is broken off. The half is now a semicircle.

Sample Photo



UV/Detail Photo

COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-02-AG
SAMPLE LOCATION: SB-05 between 5 ft and 10 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 1 X 0.5 X 0.5
SHAPE: Irregular

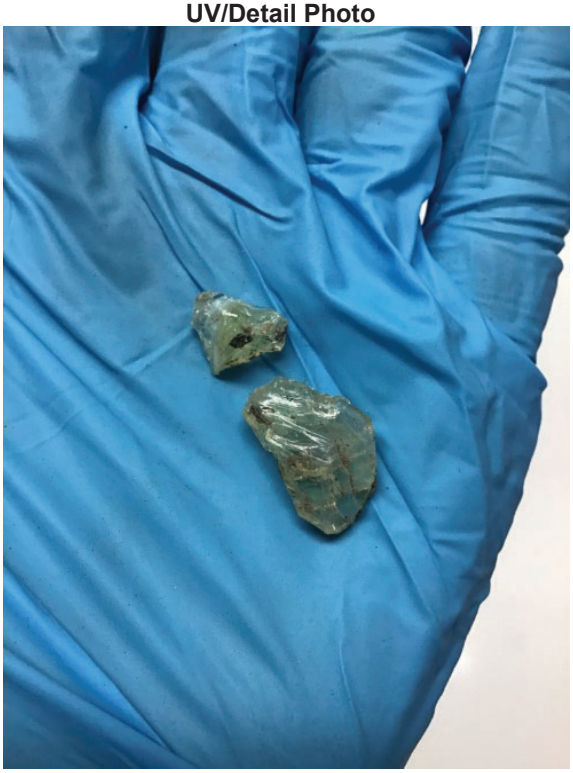
COLOR: Clear

OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light
OTHER: Includes five glass pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-03-AG
SAMPLE LOCATION: SB-05 between 5 ft and 10 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 1.25 X 1.25 X 0.5
SHAPE: Irregular

COLOR: Blue

OPACITY: Translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes seven glass pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-04-FB
SAMPLE LOCATION: SB-05 between 0 ft and 5 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.25 X 1 X 0.5
SHAPE: Irregular, one side is flat and smooth
COLOR: White, yellow, and gray
OPACITY: Opaque
FRACTURE/ANGULARITY: Irregular fractures and rough texture.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-05-AG
SAMPLE LOCATION: Soil Boring 05 between 0 ft and 5 ft below ground surface
DATE COLLECTED: 11/6/2020

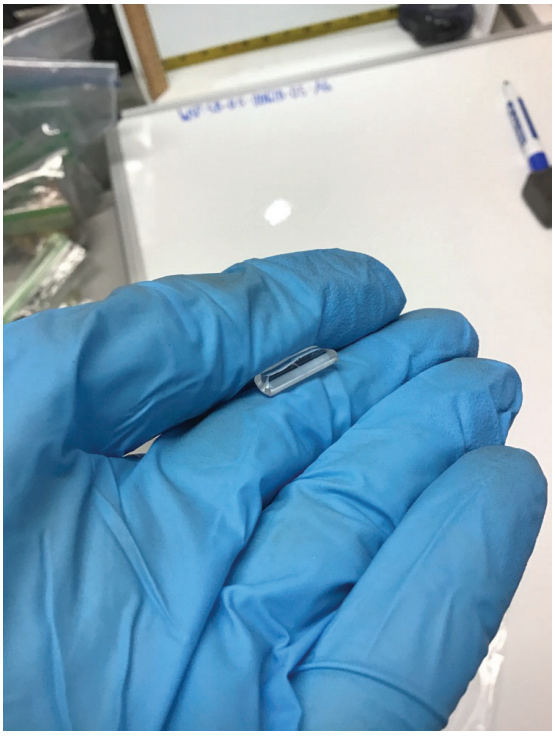
ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS: 0.5" length, diameter ranging between 1/8" and 3/16".
SHAPE: Thermometer tubing fragment.
COLOR: Clear with white ribbon.
OPACITY: Tranparent with an opaque white ribbon.
FRACTURE/ANGULARITY: The tubing is fractured at both ends.
UV/FLUORESCENCE TESTING: Does not fluoresce.
OTHER: Glass collected between 0 ft and 5 ft below ground surface. One diameter (rounded to rounded side) is 3/16". The other diameter (one rounded and one flat side - flat side is opposite of ribbon) is 1/8". There is a minuscule hole (visible bore) in the center where mercury or alcohol could be add

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

Thermometer Patent No. US586188

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-06-AG
SAMPLE LOCATION: SB-05 between 0 ft and 5 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The larger piece is approximately 0.5 X 0.25 X 0.25
SHAPE: Irregular
COLOR: Clear/faint yellow with some light blue
OPACITY: Mostly translucent with opaque light blue
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes two pieces of glass

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-07-FB
SAMPLE LOCATION: SB-05 between 10 ft and 11 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The larger piece is approximately 2.75 X 2.75 X 1.75
SHAPE: Irregular

COLOR: White, orange, brown, and gray brick. Some brown glass or slag

OPACITY: Opaque
FRACTURE/ANGULARITY: Irregular fractures and rough surface.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes two furnace brick pieces. Material is fused to the furnace brick.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

There appears to be a very thin layer of brown glass fused to the furnace brick on the exterior of the surface. However, that brown material is pocketed like slag.

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-08-FB
SAMPLE LOCATION: SB-05 between 10 ft and 11 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1.5 X 1
SHAPE: Irregular

COLOR: Gray and brown furnace brick. Black glass.

OPACITY: Opaque
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: The glass is fused to furnace brick.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-09-AG
SAMPLE LOCATION: SB-05 between 10 ft and 11 ft below ground surface
DATE COLLECTED: 11/6/2020

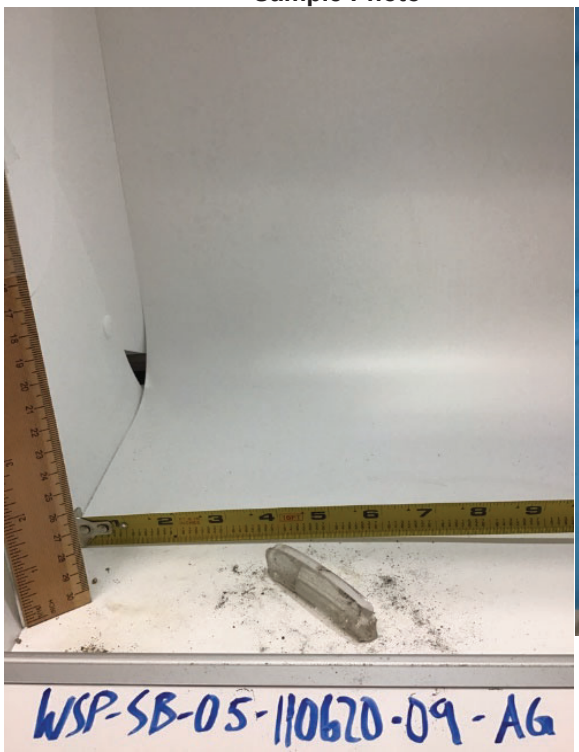
ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2.5" length x 0.5" diameter
SHAPE: Thermometer tubing (warped and curved)

COLOR: Clear with white ribbon

OPACITY: Transparent clear glass, opaque white glass
FRACTURE/ANGULARITY: Fractured and chipped at both ends
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: A white ribbon is enclosed in clear glass. A minuscule hole (bore) extends through the center of the tubing length-wise and curves with the shape of the tubing. Two of the four sides are fairly flat. The other two sides are rounded.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-10-AG
SAMPLE LOCATION: SB-05 between 10 ft and 11 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 2.5 X 1.5 X 1
SHAPE: Irregular

COLOR: 4 pieces are clear/light green. 1 piece is yellow

OPACITY: Translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: The largest glass piece has white bubbles trapped inside the glass. Includes five pieces.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-11-AG
SAMPLE LOCATION: SB-05 between 10 ft and 11 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 2.5 X 2 X 1.5
SHAPE: Irregular

COLOR: Clear

OPACITY: Translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes about 30 glass pieces. White bubbles observed within some of the glass pieces.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-05-110620-12-CS
SAMPLE LOCATION: SB-05 between 10 ft and 11 ft below ground surface
DATE COLLECTED: 11/6/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1 X 0.5 X 0.25
SHAPE: Irregular

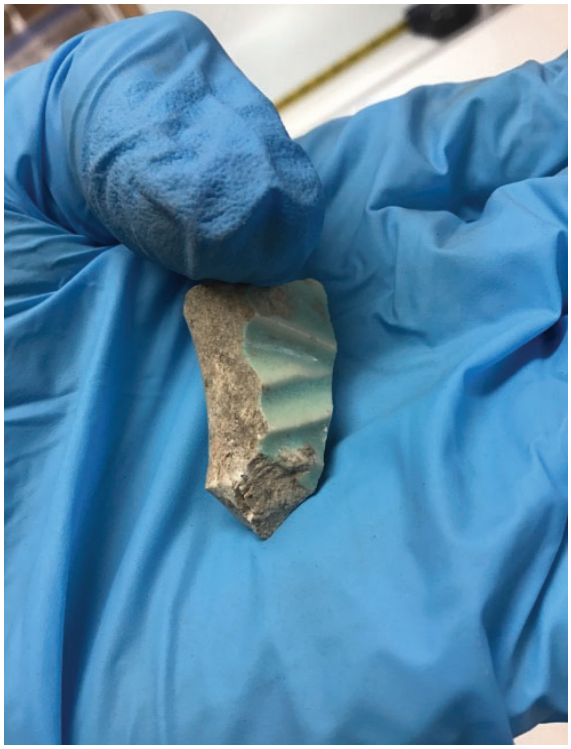
COLOR: Turquoise with white stripes. White ceramic interior.

OPACITY: Opaque
FRACTURE/ANGULARITY: Clean break on one face. Other irregular fractures. Smooth ceramic surface.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: "CS" in the sample ID designates ceramic

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

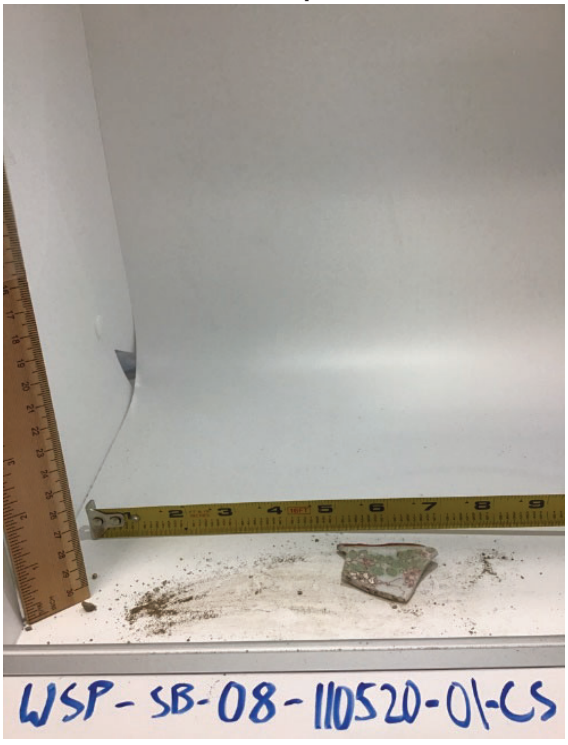
PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-08-110520-01-CS
SAMPLE LOCATION: SB-08 between 2.1 ft and 2.7 ft below ground surface
DATE COLLECTED: 11/5/2020

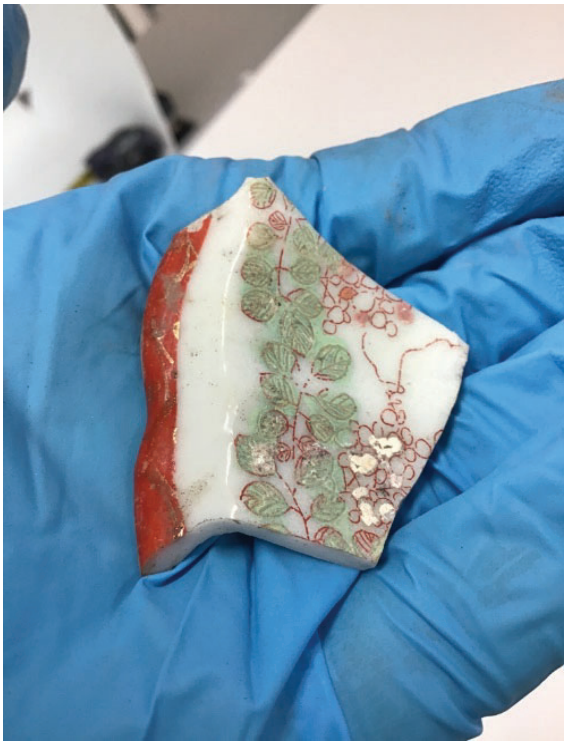
ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1 X 1/8"
SHAPE: Broken ceramic piece from bowl or cup
COLOR: White with green, red, and gold coloring
OPACITY: Opaque
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-08-110520-02-AG
SAMPLE LOCATION: SB-08 between 2.1 ft and 2.7 ft below ground surface
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1 X 0.5 X 1/8"
SHAPE: Irregular
COLOR: Light Green
OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes four pieces of glass

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

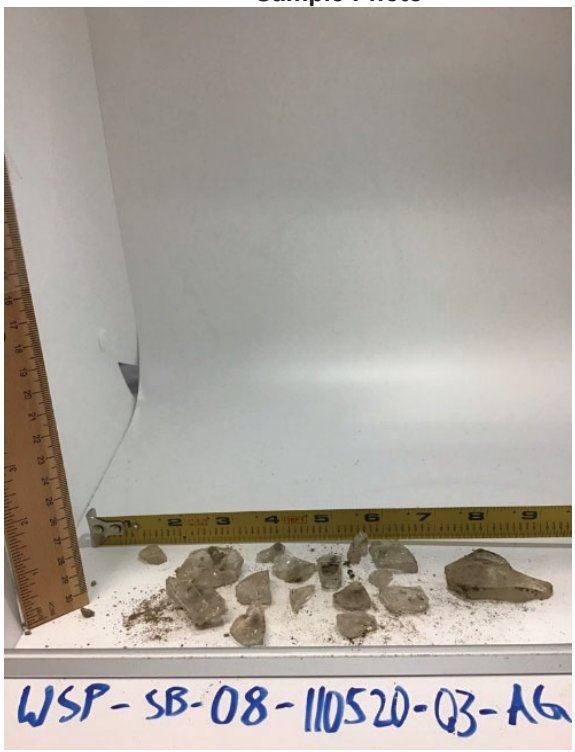
PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-08-110520-03-AG
SAMPLE LOCATION: SB-08 between 2.1 ft and 2.8 ft below ground surface
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 2 X 1 X 0.25
SHAPE: Irregular
COLOR: Clear
OPACITY: Transparent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes 16 pieces of glass

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-08-111420-04-CS
SAMPLE LOCATION: SB-08 between 2.1 and 2.7 ft below ground surface
DATE COLLECTED: 11/14/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 0.5 X 0.5 X 0.25
SHAPE: Triangular

COLOR: White

OPACITY: Opaque
FRACTURE/ANGULARITY: Fractured on all 3 sides
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Ceramic piece

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-09-110320-01-AG
SAMPLE LOCATION: SB-09 between 10 ft and 12 ft below ground surface
DATE COLLECTED: 11/3/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 0.75 X 0.5 X 0.5
SHAPE: Irregular

COLOR: Teal Blue

OPACITY: Opaque but one piece is slightly translucent
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes six pieces of glass

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-09-110320-02-AG
SAMPLE LOCATION: SB-09 between 10 ft and 12 ft below ground surface
DATE COLLECTED: 11/3/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 1.5 X 1 X 0.5
SHAPE: Irregular

COLOR: Dark green, some staining/layers of dark red

OPACITY: Mostly opaque
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes nine pieces of glass

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-09-110320-03-AG
SAMPLE LOCATION: SB-09 between 10 ft and 12 ft below ground surface
DATE COLLECTED: 11/3/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1 X 0.5 X 0.25
SHAPE: Irregular

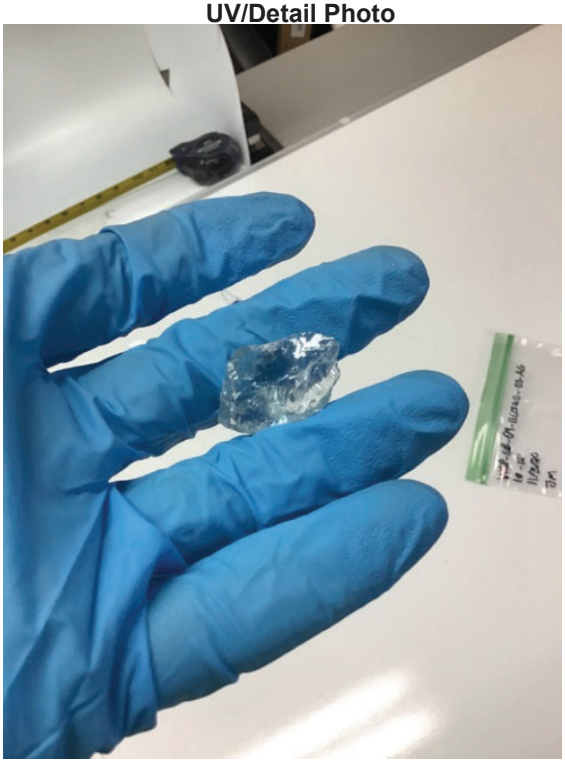
COLOR: Light blue

OPACITY: Translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-01-AG
SAMPLE LOCATION: SB-10 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/4/2020

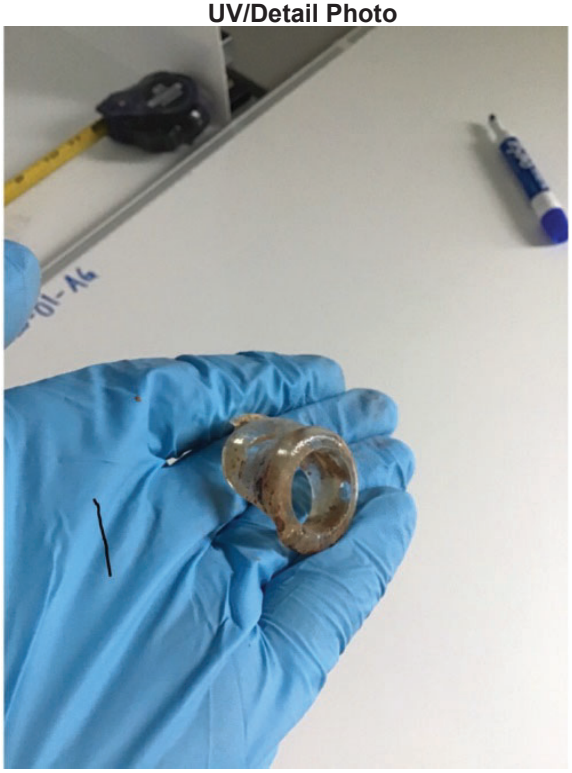
ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1 X 1
SHAPE: Bottle top
COLOR: Clear
OPACITY: Transparent
FRACTURE/ANGULARITY: The piece is broken under bottle lip
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-02-CS
SAMPLE LOCATION: SB-10 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/4/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1.5 X 1/8"
SHAPE: Fragmented plate or dish

COLOR: White with a colored design

OPACITY: Opaque
FRACTURE/ANGULARITY: Some sides have clean breaks, other parts are broken and chipped in irregular patterns
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes two pieces

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-03-AG
SAMPLE LOCATION: SB-10 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/4/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The larger piece is approximately 1.5 X 1 X 1
SHAPE: Irregular
COLOR: Clear
OPACITY: Mostly translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes two pieces. Some bubbles are observed in the glass.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-04-CS
SAMPLE LOCATION: SB-10 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/4/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1.5 X 1 X 0.5
SHAPE: Irregular
COLOR: Black on one face and white on another. The interior is cream.
OPACITY: Opaque
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Appears to be a ceramic piece.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-05-AG
SAMPLE LOCATION: SB-10 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/4/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The larger piece is approximately 1.5 X 1 X 0.5
SHAPE: Irregular

COLOR: Black

OPACITY: Opaque
FRACTURE/ANGULARITY: Rough and irregular texture
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: **The sample is coal**, not glass.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-06-AG
SAMPLE LOCATION: SB-10 between 6 ft and 8 ft below ground surface
DATE COLLECTED: 11/4/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 1 X 1 X 1/8"
SHAPE: Irregular

COLOR: Clear

OPACITY: Transparent
FRACTURE/ANGULARITY: Most breaks are clean
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: The glass pieces are curved like they were part of bottle ware or a bottle. Includes seven pieces. of glass.

Sample Photo



UV/Detail Photo

COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-SB-10-110420-07-AG
SAMPLE LOCATION: SB-10 between 0.5 ft and 1 ft below ground surface
DATE COLLECTED: 11/4/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The largest piece is approximately 1.5 X 1.5 X 1
SHAPE: Irregular, one curved piece

COLOR: Clear. The largest piece is light sea green/clear.

OPACITY: Mostly translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: Includes five pieces of glass. Some bubbles are inside the largest glass piece.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-02-110520-01-AG
SAMPLE LOCATION: Test Pit 02
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2 X 1.5 X 1
SHAPE: Irregular

COLOR: Clear

OPACITY: Mostly translucent
FRACTURE/ANGULARITY: Irregular fractures
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: Some air bubbles are observed within the glass. These bubbles looked stretched. Some of the glass looks warped, the warped parts look like waves/layers.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-02-110520-02-AG
SAMPLE LOCATION: Test Pit 02
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2.25 X 0.88 X 0.06
SHAPE: Rectangular

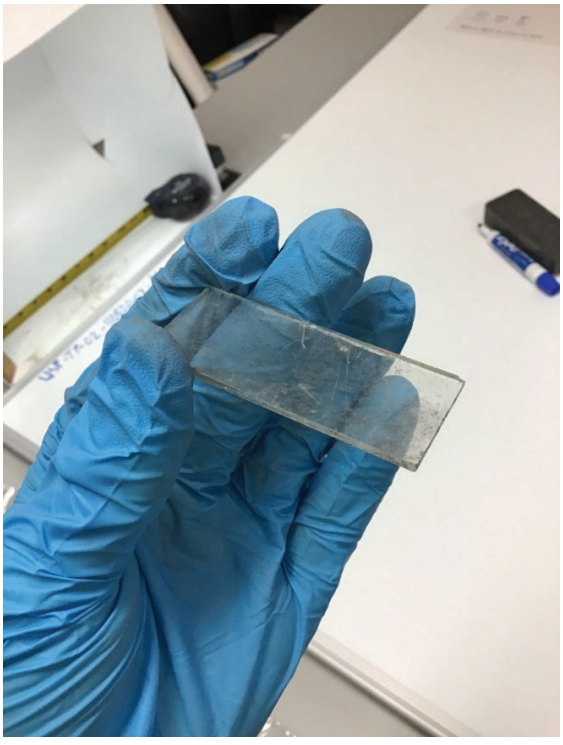
COLOR: Clear

OPACITY: Transparent
FRACTURE/ANGULARITY: No
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: The glass piece is a microscope slide

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-02-110520-03-AG
SAMPLE LOCATION: Test Pit 02
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2.25" length, 3/8" diameter
SHAPE: Tube
COLOR: Clear
OPACITY: Transparent
FRACTURE/ANGULARITY: Angular fractures at both ends
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: Some ash from the test pit remains inside the tube.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

Tubing Patents No. 2377494; No. 1892126A; No. 2659182A; No. 2239796A.

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-03-110520-01-AG
SAMPLE LOCATION: Test Pit 03
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2 X 0.88 X 0.88
SHAPE: Bottle

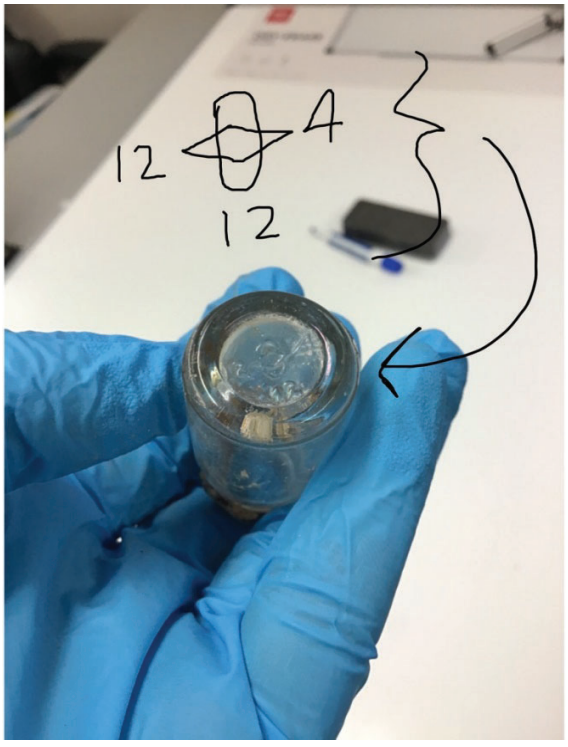
COLOR: Clear

OPACITY: Transparent
FRACTURE/ANGULARITY: No
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: 7/8” outer diameter at base. The detail photo depicts what is embossed on the bottle base.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-03-110520-02-AG
SAMPLE LOCATION: Test Pit 03
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2 X 1.5 X 0.75
SHAPE: Irregular

COLOR: Clear

OPACITY: Translucent
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: The glass piece has elongated air bubbles inside. The bubbles look like the glass is layered/folded

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-03-110520-03-AG
SAMPLE LOCATION: Test Pit 03
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2 X 1.5 X 1
SHAPE: Irregular
COLOR: Gray blue
OPACITY: Opaque
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-03-110520-04-AG
SAMPLE LOCATION: Test Pit 03
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): The larger piece is approximately 3 X 3 X 1.5
SHAPE: Irregular

COLOR: Clear

OPACITY: Mostly translucent
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: The sample includes two glass pieces.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

PARSONS
GLASS ARCHIVE SAMPLE RECORD

SITE NAME: William St Park
SAMPLE ID: WSP-TP-03-110520-05-AG
SAMPLE LOCATION: Test Pit 03
DATE COLLECTED: 11/5/2020

ARCHIVE SAMPLE DESCRIPTION

DIMENSIONS (inches): 2 X 1.5 X 1.5
SHAPE: Irregular

COLOR: Light blue

OPACITY: Translucent
FRACTURE/ANGULARITY: Yes
UV/FLUORESCENCE TESTING: Does not fluoresce
OTHER: Bubbles observed inside the glass

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS

APPENDIX F – MEAN HIGH WATER MARK SURVEY REPORT

THE MEAN HIGH-WATER MARK SURVEY REPORT, WILLIAM STREET PARK SITE CHARACTERIZATION

CORNING, STEUBEN COUNTY, NEW YORK

Prepared For:



New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway 12th Floor
Albany, New York 12233 – 7012

Prepared By:



301 Plainfield Road
Suite 350
Syracuse, New York 13212

NOVEMBER 2020

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

PARSONS

MEAN HIGH-WATER MARK SURVEY REPORT

1.0 Introduction

This report presents the results for the survey performed to confirm the mean high-water mark (MHWM) at William Street Park in Corning, New York. New York State Regulation 6 CRR-NY 608.1(r) states that the MHWM "distinguishes between predominantly aquatic and predominantly terrestrial habitat." The regulation also states that this demarcation is to be determined primarily based on available hydrologic data, and secondarily based on vegetative characteristics. This survey provides a process to demarcate soils and sediment areas within the Site for purposes of sampling and is based on a similar survey recently approved for the nearby Corning Study Area Operable Unit 4.

2.0 Surface Water Hydrology and Preliminary Mean High-Water Mark Determination

The Site lies within the Chemung River catchment, which is part of the larger Susquehanna River regional watershed. The Chemung River originates upstream of Corning, at the confluence of the Tioga and Cohocton rivers and flows east adjacent of the Site. The Chemung River is a tributary of the Susquehanna River, approximately 46.4 miles (74.7 km) along with a drainage area of approximately 2,006 square miles. The Chemung River is formed near Painted Post in Steuben County, just west of Corning by the confluence of the Tioga and Cohocton rivers.

As part of the Susquehanna River watershed, the flow in the Chemung River is monitored at the Corning USGS gaging station number 01529950, which is situated approximately 0.1 mile downstream of the Site. According to the 37-year period of monitoring, daily flows range from a minimum of 310 cubic feet per second (cfs) to 15,200 cfs, with median and mean flows of 1,100 and 2,130 cfs, respectively (USGS 2018). The mean high-water level of the Chemung River is therefore estimated at 916 ft amsl, which is based on the mean annual discharge of 2,130 cfs recorded at the gaging station.

Additionally, given topography information for the Chemung River was not available adjacent to William Street Park, and that the Site is only 0.1-mile upstream of the USGS gaging station where the flow data was recorded, the 916 ft amsl (instead of 915 ft amsl) was determined to be a reasonable estimation of the MHWM for marking in the field with on-site surveys to confirm this elevation along the river shore.

3.0 Mean High-Water Mark Confirmatory Site Survey

The available hydrologic data and additional relevant information was used to establish an initial estimation of the MHWM elevation, as discussed in the above paragraph. A confirmatory on-site field survey was performed as a second step to confirm/refine the estimated demarcation between terrestrial and aquatic vegetation (consistent with 6 NYCRR 608.1(r)), and to assess the applicability of the sediment screening guidance in areas that are only occasionally submerged or periodically inundated. The survey includes identification of physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, the presence of litter and debris, and destruction of terrestrial vegetation or a change in plant species from aquatic to terrestrial species to identify the boundary between sediment and soil.

To characterize soil and sediment areas, the survey approach was designed to identify habitat conditions that may have the potential of sustaining aquatic habitat. The survey entailed the use of established scientific methods for performing vegetation surveys for plant communities (e.g., USGS 1995, Causton 1988, Kent and Coker 1992, Zonneveld 1988) and the vegetation classification methods described in NYSDEC's Freshwater Wetlands Delineation Manual (Manual) (NYSDEC 1995).

For more details on the procedure followed, see the *Standard Operating Procedure for Determining The Mean High-Water Mark At William Street Park* (Parsons 2020).

4.0 Results

This report includes a figure of the site with the surveyed points of the MHWM (see **Figure 1**), the field notes for each flagged and surveyed point (see **Table 1**), the field delineated coordinates and elevations of the surveyed points (see **Table 2**), and a photo log showing a photograph of each surveyed flag for reference (see **Attachment 1**).

The surveyed MHWM provides the final information needed to calculate the number of sediment sample locations required to characterize the area. This total is based on Balduck's method for calculating the minimum number of samples that should be collected to characterize a contaminated sediment site[1]:

$$N = (Df)\cdot(30)\cdot\left((W)\cdot(L)\cdot\left(\frac{1}{1.2x10^{6}}\right)\right)^{0.33}$$

Where:

- N = the total number of coring (sampling) stations;
- Df = a dredge factor consisting of a multiplier (unitless) from 0.5 to 3 based on the site's dredging, environmental or pollutant history and other case specific factors;
- W = the width (in yards) of a single contaminated sediment area or the widest contaminated sediment area where there are multiple areas to be evaluated; and
- L = the length (in yards) of a single contaminated sediment area or the sum of the lengths of the parts of a combined area being evaluated.

For this calculation, the number of sampling stations was determined assuming a dredge factor [D*f*] of 2 (given there are no previous sediment data from the site however there is a likelihood of contamination based on the history of surrounding land uses), a width [W] from the river edge to the MHWM (~10 yd.), and a length [L] of the sediment area (880 yd.). These assumptions computed in the above equation resulted in N = 11.84, which accounts for 12 required sediment sampling locations to characterize sediment at this site. Given the planned scope for this site characterization was originally 13 sediment samples, and as a contingency for any possible issues when taking the samples in the field, the final number of recommended sediment samples for this site is 13.

Figure 1 shows the 13 sediment sample locations recommended for this site characterization, all located within the surveyed MHWM line.

[1] *Screening and Assessment of Contaminated Sediment.* Appendix F. NYSDEC, June 2014

FIGURES



LEGEND

- WILLIAMS STREET PARK BOUNDARY
- MEAN HIGH WATER MARK (MHWM)
- WSP-SED-13 SEDIMENT SAMPLE
- $A\text{-}\overset{\times}{28}$ MHWM SURVEY POINT

N

200 100 0 200 400

SCALE: 1"=200'

FIGURE 1

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WILLIAMS ST. PARK
MHWM SURVEY 11-5-2020

PARSONS
301 Plainfield Rd, Ste 350, Syracuse, NY, Ph: 315-451-9560

TABLES

TABLE 1
William Street Park Site Characterization,Corning NY.
MHWM Survey Determination Notes

Point	Physical	Vegetation	Other Notes
A-1	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* and *Eupatorium perfoliatum* below	
A-2	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* and *Eupatorium perfoliatum* below	
A-3	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* and *Eupatorium perfoliatum* below	Meeting of riverbank and levy door
A-4	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* and *Eupatorium perfoliatum* below	Meeting of riverbank and levy door
A-5	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* and *Eupatorium perfoliatum* below	Meeting of riverbank and levy door
A-6	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Mentha* spp., *Phalaris arundinacea* below	Meeting of riverbank and levy door
A-7	Rock armored wall	Turf grass above. *Xanthium strumarium* , *Phalaris arundinacea* below	Marked conservatively near top of wall
A-8	Rock armored wall	Turf grass above. *Xanthium strumarium* , *Phalaris arundinacea* below	Marked conservatively near top of wall
A-9	Rock armored wall	Turf grass above. *Xanthium strumarium* , *Phalaris arundinacea* below	Marked conservatively near top of wall
A-10	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* and *Eupatorium perfoliatum* below	
A-11	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	
A-12	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	
A-13	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	
A-14	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	
A-15	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	Great Blue Heron
A-16	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	
A-17	Scour and removal of topsoil in distinct edge	Turf grass above. *Xanthium strumarium, Euthamia graminifolia, Artemisia vulgaris* below	
A-19	Scour and removal of topsoil in distinct edge	Turf grass above. *Symphyotrichum* sp., *Artemisia vulgaris* , *Salix* sp. below	
A-20	Scour and removal of topsoil in distinct edge	Turf grass above. *Phalaris arundinacea, Cirsium canadense, Artemisia vulgaris* below	
A-21	Scour and removal of topsoil in distinct edge	Turf grass above. *Phalaris arundinacea, Cirsium canadense, Artemisia vulgaris* below	
A-22	Scour and removal of topsoil in distinct edge	Turf grass above. *Phalaris arundinacea, Cirsium canadense, Artemisia vulgaris* below	
A-23	Scour and removal of topsoil in distinct edge	Turf grass above. *Phalaris arundinacea, Cirsium canadense, Artemisia vulgaris, Salix* sp., *Rhus typhina, Acer negundo* below	
A-25	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Populus deltoides, Acer negundo* below	Marked conservatively near top of wall
A-26	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Populus deltoides, Acer negundo* below	Marked conservatively near top of wall

William Street Park Site Characterization,Corning NY.
MHWM Survey Determination Notes

Point	Physical	Vegetation	Other Notes
A-27	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Populus deltoides, Acer negundo* below	Marked conservatively near top of wall
A-28	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Populus deltoides, Acer negundo* below	Marked conservatively near top of wall
A-29	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Populus deltoides, Acer negundo* below	Marked conservatively near top of wall
A-30	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Populus deltoides, Acer negundo* below	Marked conservatively near top of wall
A-31	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Verbena hastata, Salix* sp., below	Marked conservatively near top of wall
A-32	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Verbena hastata, Salix* sp., below	Marked conservatively near top of wall
A-33	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Verbena hastata, Salix* sp., below	Marked conservatively near top of wall
A-34	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Phalaris arundinacea, Brassica* sp., *Verbena hastata, Salix* sp., below	Marked conservatively near top of wall
A-35	Rock armored wall	Turf grass, *Artemisia vulgaris, Glechoma hederacea* above. *Eupatorium perfoliatum, Verbena hastata, Lythrum salicaria, Mentha* sp., Xanthium strumarium below	Marked conservatively near top of wall
A-36	Scour and removal of topsoil in distinct edge	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-37	Scour and removal of topsoil in distinct edge	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-38	Scour and removal of topsoil in distinct edge	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-39	Scour and removal of topsoil in distinct edge	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-40	Scour and removal of topsoil in distinct edge	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-41	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-42	Gradual slope. Some scour present.	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-43	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-44	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea* , *Lythrum salicaria* , *Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-45	Ground recently reworked and bare	None	Meeting of riverbank and levy door
A-46	Ground recently reworked and bare	None	Meeting of riverbank and levy door
A-47	Ground recently reworked and bare	None	Meeting of riverbank and levy door

William Street Park Site Characterization,Corning NY.
MHWM Survey Determination Notes

Point	Physical	Vegetation	Other Notes
A-48	Ground recently reworked and bare	None	Meeting of riverbank and levy door
A-49	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea, Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-50	Scour and removal of topsoil in distinct edge	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea, Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-51	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea, Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-52	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea, Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-53	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea, Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line
A-54	Gradual slope. Some scour present	Turf above. *Artemisia vulgaris* , grass sp., *Phalaris arundinacea, Salix* sp. below	Distinct line in vegetation. Edge of mow-line. Woody willows abundant below line

Table 2
MHWM Field-Delineated Coordinates and Elevations for the William Street Site
November 4, 2020
Chemung River
Corning, NY

Point Name	Northing	Easting	Elevation
A-1	783598.727	687120.711	920.251
A-2	783589.538	687180.429	920.132
A-3	783579.116	687247.185	919.183
A-4	783630.852	687214.234	919.762
A-5	783641.408	687225.08	920.063
A-6	783588.634	687263.51	920.08
A-7	783567.126	687291.313	920.313
A-8	783553.1	687340.021	919.627
A-9	783548.608	687396.817	919.882
A-10	783552.207	687454.802	919.549
A-11	783553.175	687503.557	919.41
A-12	783551.822	687560.387	919.043
A-13	783546.275	687613.353	919.502
A-14	783538.769	687672.679	919.33
A-15	783529.651	687713.192	919.699
A-16	783513.266	687780.828	919.876
A-17	783502.434	687828.326	920.092
A-19	783503.303	687829.031	920.496
A-20	783489.938	687899.849	920.177
A-21	783477.363	687962.965	919.914
A-22	783471.757	688026.338	919.944
A-23	783471.547	688117.323	919.901
A-25	783459.59	688173.743	919.877
A-26	783443.868	688270.138	919.359
A-27	783432.823	688358.391	919.337
A-28	783422.63	688487.144	920.171
A-29	783402.663	688619.044	919.944
A-30	783373.958	688752.709	919.306
A-31	783343.077	688881.085	918.447
A-32	783319.846	688990.339	918.429
A-33	783296.078	689099.526	918.119
A-34	783264.786	689213.052	918.739
A-35	783231.635	689354.327	916.807
A-36	783227.803	689421.677	918.033
A-37	783220.394	689460.566	917.424
A-38	783213.711	689524.113	917.644
A-39	783213.141	689583.523	918.453
A-40	783203.785	689632.403	917.418
A-41	783193.531	689712.282	916.992
A-42	783191.418	689796.883	917.321
A-43	783180.063	689906.931	917.281
A-44	783169.383	689971.931	916.797
A-45	783168.724	690039.168	916.852
A-46	783186.6	690046.134	917.421
A-47	783186.702	690056.098	917.534
A-48	783164.072	690065.309	916.502
A-49	783153.582	690143.097	916.949
A-50	783136.287	690245.381	917.749
A-51	783121.679	690314.728	917.401
A-52	783109.845	690376.132	917.051
A-53	783093.831	690457.528	917.924
A-54	783076.088	690530.683	917.348

Note The estimated MHWM based on surface water hydrology data was determined at 916ft amsl. The above elevations show how the field survey points taken at the observed physical demarcation of the MHWM confirm the estimated MHWM, and are more conservative than the original estimated elevation.

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ATTACHMENT 1
Photographic Log of MHWM Surveyed Points

Flag A-1



Flag A-2



Flag A-3



Flag A-4



Flag A-5



Flag A-6



Flag A-7



Flag A-8



Flag A-9



Flag A-10



Flag A-11



Flag A-12



Flag A-13



Flag A-14





Flag A-16



Flag A-17



Flag A-19



Flag A-20



Flag A-21



Flag A-22



Flag A-23



Flag A-25



Flag A-26



Flag A-27



Flag A-28



Flag A-29



Flag A-30



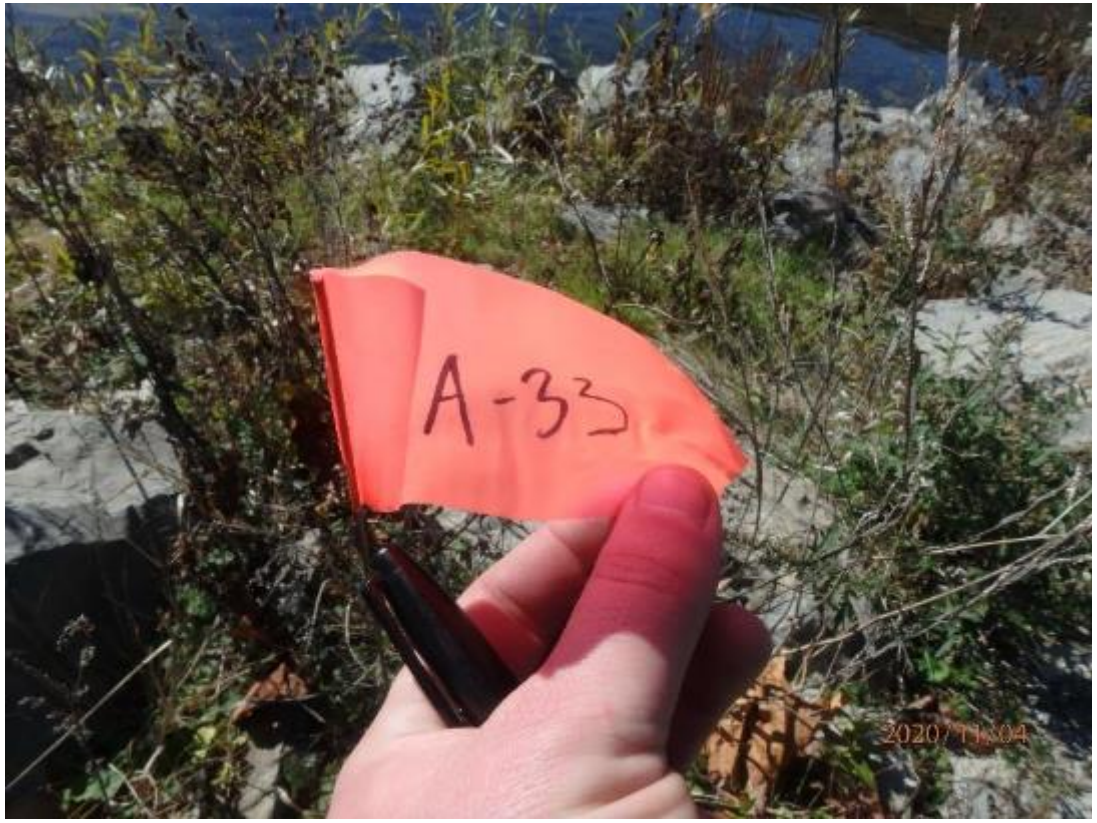
Flag A-31



Flag A-32



Flag A-33



Flag A-34



Flag A-35



Flag A-36



Flag A-37



Flag A-38



Flag A-39



Flag A-40



Flag A-41



Flag A-42



Flag A-43



Flag A-44



Flag A-45



Flag A-46



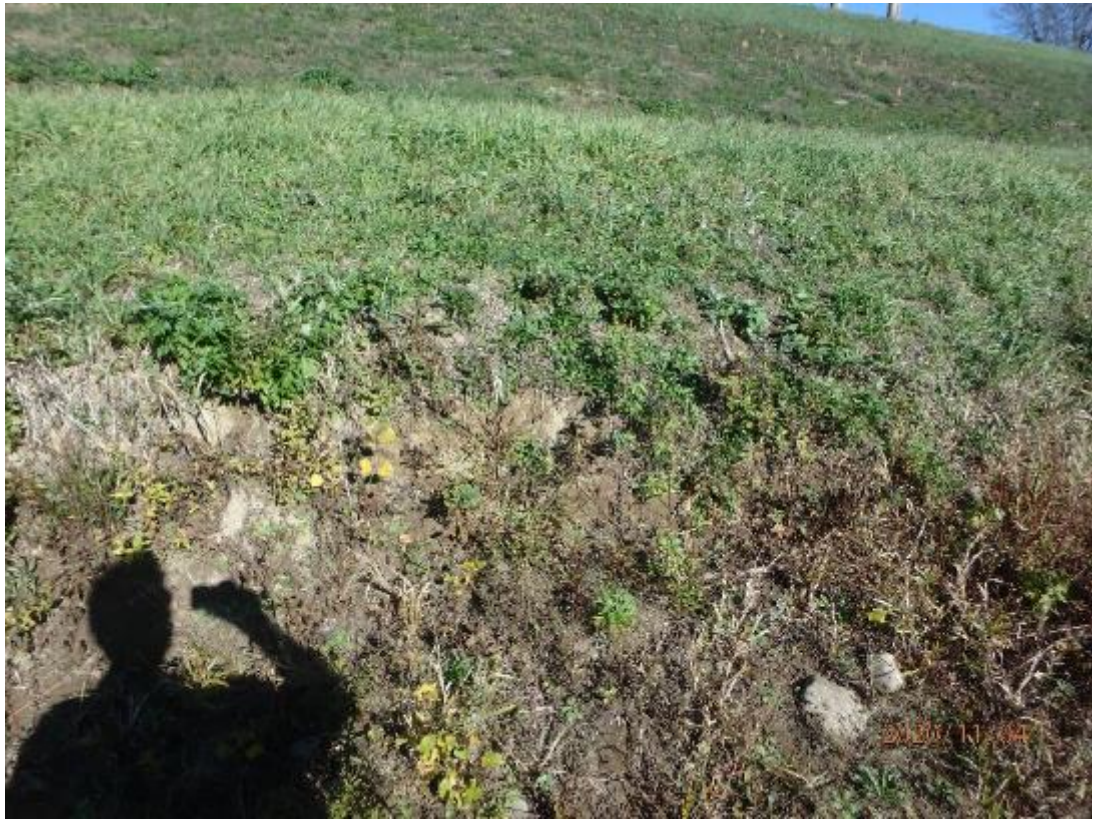
Flag A-47



Flag A-48



Flag A-49



Flag A-50



Flag A-51



Flag A-52



Flag A-53



Flag A-54



APPENDIX G – SEDIMENT SAMPLING LOGS

PARSONS

SEDIMENT CORING RECORD

CORE NO. SED-01

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/16/2020 12:00
Date/Time Finish: 11/16/2020 12:15
Weather: 43°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.3 / 2.0	0.0	ML	0.5	0.0 - 2.0': Dry, soft, brown SILT, little fine sand, trace gravel, trace glass (1-2 small pieces).		WSP-SED-01_0.0-0.5
			0.0		1.0			WSP-SED-01_0.5-1.0
			0.0		1.5			WSP-SED-01_1.0-2.0
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additiona
obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

PARSONS

SEDIMENT CORING RECORD

CORE NO. SED-02

Location Description:

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/17/2020 08:23
Date/Time Finish: 11/17/2020 08:39
Weather: 36°F cloudy, snow/sleet

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.5 / 2.0	0.0	ML	0.5	0.0 - 2.0': Dry, soft, brown SILT, little fine sand, trace gravel, trace slag (2 small pieces), blacl to dark brown, from 0.5 - 1.0 ft.		WSP-SED-02_0.0-0.5
			0.0		1.0			WSP-SED-02_0.5-1.0
			0.0		1.5			WSP-SED-02_1.0-2.0
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

PARSONS

SEDIMENT CORING RECORD

CORE NO. SED-03

Location Description:

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/17/2020 08:51
Date/Time Finish: 11/17/2020 09:10
Weather: 36°F cloudy, snow/sleet

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.5 / 2.0	0.0	ML	0.5	0.0 - 2.0': Moist, soft, brown SILT, trace gravel.		WSP-SED-03_0.0-0.5
			0.0		1.0			WSP-SED-03_0.5-1.0
			0.0		1.5			WSP-SED-03_1.0-2.0 (full parameter set)
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additiona
obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-04

Location Description:

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/16/2020 12:40
Date/Time Finish: 11/16/2020 12:50
Weather: 45°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.3 / 2.0	0.0	ML	0.5	0.0 - 1.5': Dry, soft, brown SILT, little fine sand, trace gravel.		WSP-SED-04_0.0-0.5
			0.0		1.0			WSP-SED-04_0.5-1.0
			0.0		1.5	1.5 - 2.0': Dry, loose, brown to light brown, fine SAND, some silt, little to trace gravel.		WSP-SED-04_1.0-2.0 + Field DUP & MS/MSD
			0.0	SM	2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional soil v
obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-05

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

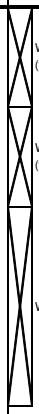
PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/17/2020 13:25
Date/Time Finish: 11/17/2020 13:33
Weather: 39°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.3 / 2.0	0.0	ML	0.5	0.0 - 2.0': Moist, soft, brown SILT, trace gravel.		WSP-SED-05_0.0-0.5 (full parameter set)
			0.0		1.0			WSP-SED-05_0.5-1.0 (full parameter set)
			0.0		1.5			
			0.0		2.0			WSP-SED-05_1.0-2.0
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-06

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/17/2020 13:51
Date/Time Finish: 11/17/2020 14:24
Weather: 40°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	0.7 / 1.0	0.0	SW / GW	0.5	0.0 - 1.0': Moist to wet, loose, silty fine-coarse SAND and fine-coarse subrounded GRAVEL.		WSP-SED-06_0.0-0.5 (full parameter set)
			0.0		1.0			WSP-SED-06_0.5-1.0
					1.5	End of core at 1.0 ft bgs - refusal on large gravel/cobbles.		
					2.0			

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore® pushed to 2 ft bgs and sample retrieved. Additional soil vo
obtained adjacent to MacroCore® location using 3.25" hand auger. 1st attempt - refusal at 2". 2nd attempt - moved further south near water - refusal at 6".
5 ft south of original location - refusal at 2". 4th attempt ~30 ft SE of original location and ~10 ft from water edge - refusal at 1.0 ft. Core from 1st attempt us
and sampling. Attempts #1, 2, and 3 not logged or sampled.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-07

Contractor:	Aztec
Driller:	B. Gannon, M. Deyette
Oversight:	R. Inclima, J. Mikochik
Equipment:	2" Macrocore®/hand auger
PROJECT NAME:	NYSDEC - William St Park #851055
PROJECT Location:	Corning, NY
Location Description:	

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/16/2020 14:25
Date/Time Finish: 11/16/2020 14:39
Weather: 44°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.7 / 1.7	0.0	ML	0.5	0.0 - 0.7': Dry to moist, soft, brown SILT, little fine sand.		WSP-SED-07_0.0-0.5
			0.0		1.0	0.7 - 1.7': Dry, soft, brown SILT, some to little gravel, little fine sand.		WSP-SED-07_0.5-1.0
			0.0		1.5			WSP-SED-07_1.0-1.7
			0.0		1.7			
						End of core at 1.7 ft bgs - refusal on boulders/cobbles.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional soil vc
obtained adjacent to MacroCore® location using 3.25" hand auger. 1st attempt - refusal on rock on 1st attempt at 1.7 ft. 2nd attempt - stepped-out ~50 ft
encountered refusal at 1.0 ft. 3rd attempt - moved location south ~10 feet from river and encountered refusal at 0.7 ft. Core from 1st attempt used for logg
sampling.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-08

Location Description:

Contractor: Aztec
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/19/2020 08:11
Date/Time Finish: 11/19/2020 08:26
Weather: 24°F, sunny, calm

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.0 / 2.0	0.0	ML	0.5	0.0 - 1.0': Moist, soft, brown SILT, little fine sand and gravel.		WSP-SED-08_0.0-0.5 + field DUP (TOC only)
			0.0		1.0			WSP-SED-08_0.5-1.0
			0.0	SM	1.5	1.0 - 2.0': Moist, loose, brown fine-coarse SAND & SILT, little to trace fine-coarse subround gravel. Trace brick (one small piece).		WSP-SED-08_1.0-2.0 (full parameter set)
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so obtained adjacent to MacroCore® location using 3.25" hand auger.

Completed multiple attempts at original location of SED-08 on 11/18/20. Very shallow refusal encountered on all attempts due to abundant rip-rap stor relocated ~1,000 ft to the southeast between SED-12 and SED-13 and completed on 11/19/2020.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-09

Location Description:

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/18/2020 09:02
Date/Time Finish: 11/18/2020 09:17
Weather: 26°F, snow, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.1 / 1.2	0.0	ML	0.5	0.0 - 1.2': Dry to moist, soft to medium dense, brown SILT, some fine sand, trace gravel.		WSP-SED-09_0.0-0.5
			0.0		1.0			WSP-SED-09_0.5-1.0 (full parameter set)
			0.0		1.2			Insufficient volume/recovery from 1 - 1.2 ft for sample.
						End of core at 1.2 ft bgs - refusal on rock.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so
obtained adjacent to MacroCore® location using 3.25" hand auger.
No sample from 1 - 1.2' - insufficient volume for collection.

PARSONS

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SEDIMENT CORING RECORD

CORE NO. SED-10

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/18/2020 09:32
Date/Time Finish: 11/18/2020 09:42
Weather: 26°F, snow, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.3 / 2.0	0.0	ML	0.5	0.0 - 0.7': Dry to moist, soft to medium dense, brown SILT, little fine sand, trace gravel.		WSP-SED-10_0.0-0.5
			0.0		1.0	0.7 - 1.1': Dry to moist, soft to medium dense, brown SILT, some gravel, little fine sand, small piece of clear glass at 1'.		WSP-SED-10_0.5-1.0
			0.0	SM	1.5	1.1 - 2.0': Moist, loose, brown, silty fine-medium SAND, little subround gravel.		WSP-SED-10_1.0-2.0 field DUP + full parameter set
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

PARSONS

SEDIMENT CORING RECORD

CORE NO. SED-11

Contractor: Aztec
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/16/2020 15:14
Date/Time Finish: 11/16/2020 15:22
Weather: 45°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.3 / 2.0	0.0	ML	0.5	0.0 - 1.5': Moist to dry, soft, brown SILT, little fine sand, roots in first 3 inches.		WSP-SED-11_0.0-0.5
			0.0		1.0			WSP-SED-11_0.5-1.0
			0.0		1.5	1.5 - 2.0': Dry, loose, brown, silty fine SAND.		WSP-SED-11_1.0-2.0
			0.0	SM	2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so
obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

PARSONS

SEDIMENT CORING RECORD

CORE NO. SED-12

Location Description:

Contractor: Aztec
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/18/2020 14:57
Date/Time Finish: 11/18/2020 15:10
Weather: 33°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.1 / 2.0	0.0	ML	0.5	0.0 - 0.7': Moist, soft, brown, clayey SILT, trace medium gravel and sand. Trace metals fragments from 1.8 - 2 ft.		WSP-SED-12_0.0-0.5
			0.0		1.0			WSP-SED-12_0.5-1.0
			0.0		1.5			WSP-SED-12_1.0-2.0 full parameter set + MS/MSD
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

HC = Hand Cleared (post hole) HS = Hollow St
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so obtained adjacent to MacroCore® location using 3.25" hand auger.

PARSONS

PARSONS

SEDIMENT CORING RECORD

CORE NO. SED-13

Contractor: Aztech
Driller: B. Gannon, M. Deyette
Oversight: R. Inclima, J. Mikochik
Equipment: 2" Macrocore®/hand auger

PROJECT NAME: NYSDEC - William St Park #851055
PROJECT Location: Corning, NY

Location Description:

GROUNDWATER OBSERVATIONS			
Apparent Borehole DTW:	NA		ft bls
Measured Water Level:	NA		ft (TOC)
Total Depth of Well:	NA		ft bls
Additional Comments:			

Date/Time Start: 11/16/2020 15:40
Date/Time Finish: 11/16/2020 15:50
Weather: 44°F, cloudy, windy

Location Plan

Sample Type	SPT	% Recovery	PID (ppm)	USCS Symbol	Depth (ft bls)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (Drawing Not to Scale)	COMMENTS
MC*	N/A	1.5 / 2.0	0.0	ML	0.5	0.0 - 0.4': Dry to moist, soft, brown, SILT, little fine sand, trace organic material. 0.4 - 2.0': Moist, medium dense, brown, SILT, little fine-coarse sand, subround gravel, and clay. Single small clear glass piece observed at ~ 1.0 ft.		WSP-SED-11_0.0-0.5
			0.0		1.0			WSP-SED-11_0.5-1.0
			0.0		1.5			WSP-SED-11_1.0-2.0
			0.0		2.0			
						End of core at 2.0 ft bgs.		

SAMPLING METHOD

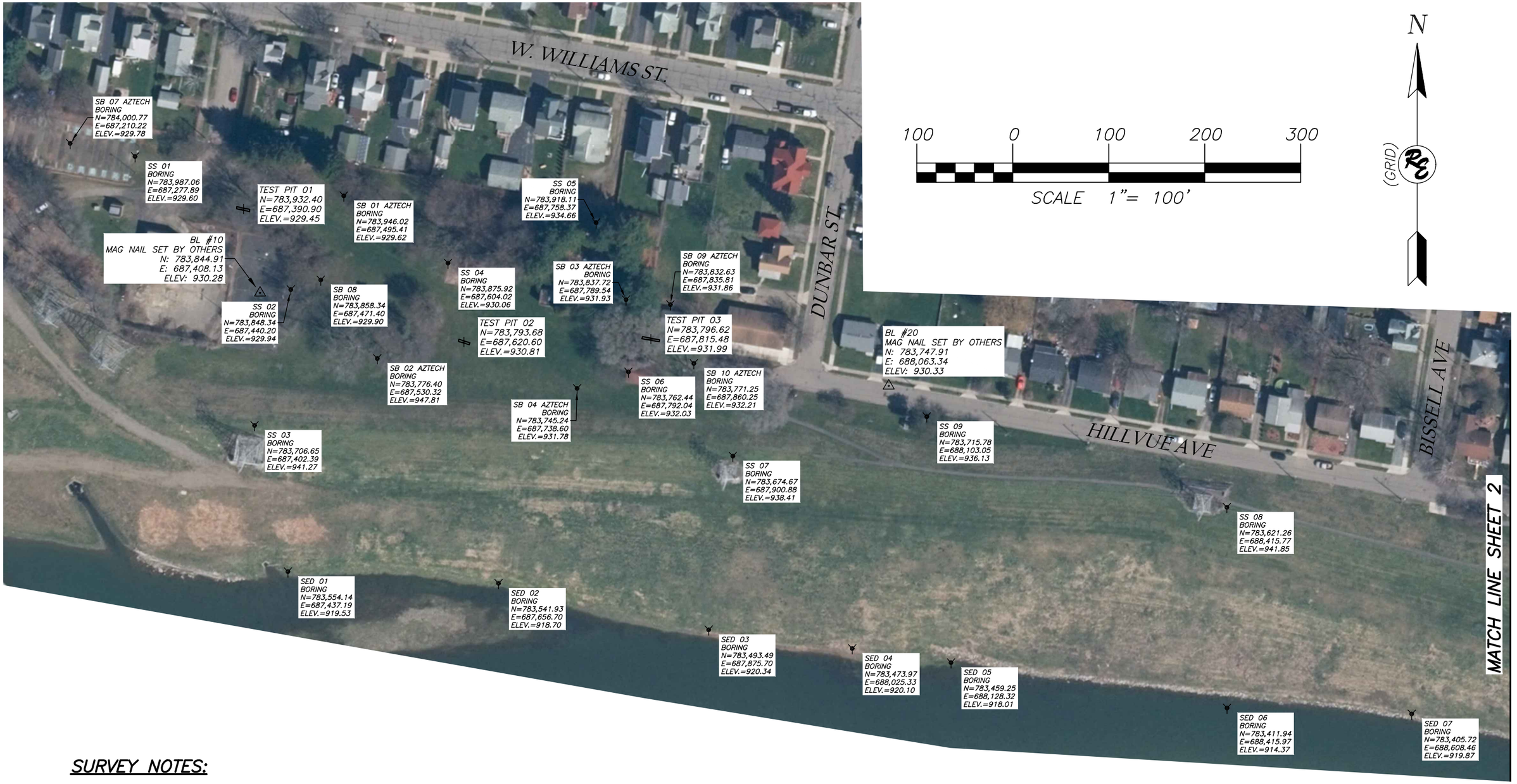
HC = Hand Cleared (post hole) HS = Hollow
MC = MacroCore SS = Split Spoon
HA - Hand Auger

COMMENTS:

*Sample obtained via 2" diameter x 4 ft long MacroCore® affixed with acetate liners. MacroCore®pushed to 2 ft bgs and sample retrieved. Additional so
obtained adjacent to MacroCore® location using 3.25" hand auger.

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APPENDIX H – TOPOGRAPHICAL SURVEY INFORMATION



SURVEY NOTES:

1. HORIZONTAL COORDINATE SYSTEM: N.A.D. '83(2011) N.Y.S.P.C.S. CENTRAL ZONE, US FOOT.
2. VERTICAL COORDINATE SYSTEM: N.A.V.D. '88.
3. FIELD WORK COMPLETED ON NOVEMBER 23, 2020 BY RAVI ENGINEERING AND LAND SURVEYING WITH CLEAR SITE CONDITIONS.

STATE OF NEW YORK
DAVID J. HONNICK
050966
LICENSED LAND SURVEYOR

SURVEY PLAN SHOWNING

MONITORING WELLS, SOIL BORINGS & TEST PIT LOCATIONS
LOCATED AT
Williams St. Park
PREPARED FOR
PARSONS CORPORATION
CITY OF CORNING, STEUBEN COUNTY, NEW YORK

Sheet 1 OF 2	Date : 2/1/2021	Drawn By: DJH	Scale : 1" =100'	Project # 23-20-082G

RAVI ENGINEERING & LAND SURVEYING, P.C.
2110 South Clinton Avenue, Suite 1
Rochester, New York 14618
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SURVEY NOTES:

1. HORIZONTAL COORDINATE SYSTEM: N.A.D. '83(2011) N.Y.S.P.C.S. CENTRAL ZONE, US FOOT.
2. VERTICAL COORDINATE SYSTEM: N.A.V.D. '88.
3. FIELD WORK COMPLETED ON NOVEMBER 23, 2020 BY RAVI ENGINEERING AND LAND SURVEYING WITH CLEAR SITE CONDITIONS.

WE, RAVI ENGINEERING AND LAND SURVEYING, HEREBY CERTIFY THAT THIS SURVEY PLAN WAS PREPARED FROM THE NOTES OF A INSTRUMENT SURVEY COMPLETED BY RAVI ENGINEERING & LAND SURVEYING, P.C. ON NOVEMBER 23, 2020 AND FROM THE REFERENCES NOTED HEREON.

David J. Hamm 2-1-2021

STATE OF NEW ... DAVID J. HA... 50966 LAND SURVEYOR

SURVEY PLAN SHOWNING

MONITORING WELLS, SOIL BORINGS & TEST PIT LOCATIONS
LOCATED AT
Williams St. Park
PREPARED FOR
PARSONS CORPORATION
CITY OF CORNING, STEUBEN COUNTY, NEW YORK

Sheet 2 OF 2	Date : 2/1/2021	Drawn By: DJH	Scale : 1" =100'	Project # 23-20-082G

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APPENDIX I – DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

WILLIAM STREET PARK

SITE NUMBER 851055

Prepared For:



New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7012

Prepared By:

PARSONS

301 Plainfield Road, Suite 350
Syracuse, New York 13212

MAY 2021

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ATTACHMENT A – VALIDATED LABORATORY DATA

Attachment A-1 Validated Laboratory Data for Soil and Sediment Samples

Attachment A-2 Validated Laboratory Data for Field QC Blank Samples

SECTION 1 DATA USABILITY SUMMARY

Soil and sediment samples were collected from the William Street Park site on November 3, 2020 through November 19, 2020. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Project Work Plan,
- USEPA analytical methodologies,
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review, and
- *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*, dated January 2021.

The analytical laboratory for this project was Eurofins – Environment Testing America (Eurofins) in Buffalo, New York, Edison, New Jersey, and Sacramento, California. This laboratory is certified to perform project analyses through the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

1.1 Laboratory Data Packages

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 25-56 days for the project samples. The data packages received from the laboratory were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report which is summarized in Section 2.

1.2 Sampling and Chain-of-Custody

The samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at the laboratory within one to two days of sampling. All samples were received intact and in good condition at the laboratory.

1.3 Laboratory Analytical Methods

The soil and sediment samples that were collected from the site were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) including 1,4-dioxane, pesticides, polychlorinated biphenyls (PCBs), herbicides, per- and polyfluoroalkyl substances (PFAS), metals including hexavalent chromium, toxicity characteristic leaching procedure (TCLP) metals, cyanide, silica gel treated n-hexane extractable material (SGT-HEM) total petroleum hydrocarbons (TPH), and total organic carbon (TOC). Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.6. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) are discussed in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,
"UJ" - estimated and not detected at the value given,
"J" - estimated at the value given,
"J+" - estimated biased high at the value given,

"J-" - estimated biased low at the value given,
"N" - presumptive evidence at the value given, and
"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

The project samples were analyzed for VOCs using the USEPA SW-846 8260C analytical method. Certain reported results for these samples were qualified as estimated based upon matrix spike/matrix spike duplicate (MS/MSD) recoveries, laboratory control sample (LCS) recoveries, instrument calibrations, and internal standard responses. The reported VOC analytical results were 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.2 Semivolatile Organic Analysis

The project samples were analyzed for SVOCs including 1,4-dioxane using the USEPA SW-846 8270D/8270D SIM analytical method. Certain reported results for these samples were qualified as estimated based upon sample holding times, instrument calibrations, and field duplicate precision; and qualified as not detected based upon blank contamination. The reported SVOC analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.3 Pesticide, PCB, and Herbicide Organic Analysis

The project samples were analyzed for pesticides, PCBs, and herbicides using the USEPA SW-846 8081B/8082A/8151A analytical methods. Certain reported results for these samples were qualified as estimated based upon sample holding times, surrogate recoveries, MS/MSD recoveries, instrument calibrations, sample result identification, and field duplicate precision; and qualified as not detected based upon blank contamination. The reported pesticide, PCB, and herbicide analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.4 PFAS Organic Analysis

The project samples were analyzed for PFAS using the modified USEPA 537.1 analytical method. Certain reported results for these samples were qualified as estimated based upon sample surrogate recoveries, LCS recoveries, sample result identification, and internal standard responses; and qualified as not detected based upon blank contamination. The reported PFAS analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.5 Inorganic Analysis

Soil samples were analyzed for metals, hexavalent chromium, TCLP metals, and cyanide using the USEPA SW-846 6010C, 7470A, 7471B, 7196A, and 9012B analytical methods. Groundwater samples were analyzed for metals using the USEPA SW-846 6010C and 7470A analytical methods. Certain reported results for these samples were qualified as estimated based upon sample holding times, instrument calibrations, MS/MSD recoveries, LCS recoveries, serial dilutions, and field duplicate precision; and qualified as not detected based upon blank contamination. The reported inorganic analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.6 TPH and TOC Analysis

The project samples were analyzed for SGT-HEM TPH and TOC using the USEPA 1664B and Lloyd Kahn analytical methods, respectively. Certain reported results for these samples were qualified as estimated based upon MS/MSD recoveries and field duplicate precision; and qualified as not detected based upon blank contamination. The reported TPH and TOC analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met

SECTION 2 DATA VALIDATION REPORT

2.1 SOIL AND SEDIMENT SAMPLES

Data review has been completed for data packages containing soil and sediment samples collected from the site. Analytical results from these samples were contained within sample delivery groups (SDGs) 480-177732-1, 480-177772-1, 480-177850-1, 480-177888-1, 480-178005-1, 480-178077-1, 480-178148-1, 480-178216-1, 480-178332-1, 480-178605-1, 480-178643-1, 480-178678-1, and 480-178679-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review, analytical methodologies, and the *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*, dated January 2021. The validated laboratory data are presented in Attachments A-1 and A-2. Certain samples may have required dilution prior to analysis based upon sample matrix, color of extract, or large concentrations of target or non-target analytes. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, LCS recoveries, blank contamination, continuing calibrations, and internal standard responses as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the many low MS/MSD accuracy results during the spiked analyses of samples WSP-TP-03-0.5-1.0, WSP-SB-06-2.0-3.5, WSP-SS-14-0.0-2.0, and WSP-SED-12-1.0-2.0. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected parent samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the LCS recoveries for bromomethane (155%R; QC limit 37-149%R) and chloroethane (140%R; QC limit 69-135%R) associated with samples in SDG 480-177888-1; chloroethane (67%R; QC limit 69-136%R) associated with sample WSP-EB-01-11062020; dichlorodifluoromethane (56%R; QC limit 57-142%R) associated with samples in SDG 480-178005-1; chloroethane (136%R; QC limit 69-135%R) associated with soil samples in SDG 480-178077-1; 2-butanone (187%R; QC limit 57-140%R) and methyl tert-butyl ether (75%R; QC limit 77-120%R) associated with sample WSP-EB-01-111720; and methyl tert-butyl ether (73%R; QC limit 77-120%R) associated with sample WSP-EB-02-111920. Therefore, positive results for those compounds where LCS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J+" for the affected samples. Results for those compounds where LCS recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ" for the affected samples.

Blank Contamination

The laboratory method blanks associated with soil samples in SDGs 480-178216-1 and 480-178678-1, samples WSP-SS-09-0.0-2.0, WSP-SED-09-0.5-1.0, WSP-SED-10-1.0-2.0 DUP, WSP-SED-12-1.0-2.0, and samples with lab IDs 480-178679-2 through -7 contained methylene chloride below the reporting limit at concentrations of 3.51 and 3.45 µg/kg, respectively; the QC equipment blank associated with samples in SDG 480-178332-1 contained methylene chloride at a concentration of 6.3 µg/L. Validation qualification was not required for the affected samples.

Continuing Calibrations

All continuing calibration compounds were compliant with minimum relative response factors (RRFs) of 0.05 (0.01 for poor performers) and maximum percent differences (%Ds) within ±20% (±40% for poor performers) with the exception of bromomethane (55.6%D) and chloroethane (43.3%D) in the continuing calibration associated with samples in SDG 480-177732-1; bromomethane (20.2%D) in the continuing calibrations associated with samples in SDG 480-177772-1; bromomethane (25.0%D), 1,1-dichloroethene (-22%D), sec-butylbenzene (-21.5%D), and 1,2-dibromo-3-chloropropane (-20.7%D) in the continuing calibration associated with samples in SDG 480-177850-1; bromomethane (48.2%D) and 1,2-dibromo-3-chloropropane (-20.2%D) in the continuing calibration associated with soil samples in SDG 480-177888-1; dichlorodifluoromethane (-45.8%D), bromomethane (28.1%D), and iodomethane (-21.8%D) in the continuing calibration associated with samples in SDG 480-178005-1; bromomethane (-23.1%D) in the continuing calibration associated with sample WSP-EB-01-110420; carbon disulfide (-23.7%D) and methyl tert-butyl ether (-22.4%D) in the continuing calibration associated with sample WSP-EB-01-111720; 1,1,2,2-tetrachloroethane (-23%D) and 1,2-dibromo-3-chloropropane (-23.1%D) in the continuing calibration associated with samples WSP-SS-09-0.0-2.0, WSP-SED-09-0.5-1.0, WSP-SED-10-1.0-2.0 DUP, WSP-SED-12-1.0-2.0, samples with lab IDs 480-178679-2 through -7, and samples in SDG 480-178678-1; and methyl tert-butyl ether (-27.6%D) in the continuing calibration associated with sample WSP-EB-02-111920. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area count within -50% to +100% and retention times within ±0.5 minutes of the standard) with the exception of the low response for the IS 1,4-dichlorobenzene-d4 in sample WSP-SB-03-1.0-4.0. Therefore, results associated with this IS were considered estimated, possibly biased high, with positive results qualified "J+" and nondetected results qualified "UJ" for the affected sample.

Usability

All volatile soil and sediment sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The volatile soil and sediment data presented by the laboratory were 100% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachments A-1 and A-2.

2.1.2 Semivolatiles (Including 1,4-Dioxane)

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, continuing calibrations, and field duplicate precision as discussed below.

Holding Times

Sample WSP-EB-01-110420 and 1,4-dioxane sample WSP-EB-01-111320 exceeded the 7-day extraction holding time requirement by two to three days. Therefore, results were considered estimated with positive results qualified “J” and nondetects qualified “UJ” for the affected samples.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the surrogate recovery for 2,4,6-tribromophenol (QC limit 54-120%R) in samples WSP-SB-08-2.0-3.0 DUP (129%R), WSP-SB-04-15.0-17.0 (127%R), WSP-TP-04A-1.0-1.5 (126%R), WSP-SB-05-4.0-6.0 (126%R), WSP-SB-05-12.0-13.0 (132%R), WSP-SB-06-2.0-3.5 (126%R), WSP-SB-15-2.0-3.0 (42%R), WSP-SB-14-0.0-0.5 (127%R), WSP-SB-14-0.5-1.0 (130%R), WSP-SS-13-0.0-2.0 (126%R), WSP-SS-08-0.0-2.0 (126%R), WSP-SED-10-0.0-0.5 (138%R), WSP-SED-08-0.0-0.5 (128%R), WSP-SS-01-0.0-2.0 (126%R), WSP-SS-07-0.0-2.0 (128%R), and many high recoveries for this surrogate in samples in SDG 480-178332-1; and the surrogate recovery for p-terphenyl-d14 (QC limit 79-130%R) in samples WSP-SB-01-1.0-2.0 (77%R) and WSP-SB-02-1.0-2.0 (74%R). Validation qualification of these samples was not required.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of

the many high MSD accuracy results and MS/MSD precision results during the spiked analyses of sample WSP-SB-06-2.0-3.5; the high MS accuracy results for 4-nitrophenol, butylbenzylphthalate, and diethylphthalate during the spiked analyses of sample WSP-SS-14-0.0-2.0; and the many low MSD accuracy results and high MS/MSD precision results during the spiked analyses of sample WSP-SED-12-1.0-2.0. Validation qualification of the parent samples was not required.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recoveries for atrazine (142%R; QC limit 71-130%R) associated with samples WSP-EB-01-110420; the high LCS recoveries for atrazine (132%R; QC limit 71-130%R), benzo(b)fluoranthene (131%R; QC limit 66-126%R), and benzo(k)fluoranthene (126%R; QC limit 65-124%R) associated with sample WSP-EB-01-111320; the high LCS recovery for benzo(b)fluoranthene (130%R; QC limit 66-126%R) associated with sample WSP-EB-01-111720; and the high LCS recovery for hexachlorobenzene (121%R; QC limit 60-120%R) associated with samples with lab IDs 480-178332-1 through -15, -18, and -19. Validation qualification was not required for the affected samples.

Blank Contamination

The laboratory method blank associated with samples in SDG 480-177772-1 contained di-n-butylphthalate below the reporting limit at a concentration of 56.5 µg/kg. Therefore, results for this compound less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

Continuing Calibrations

All continuing calibration compounds were compliant with minimum relative response factors (RRFs) of 0.05 (0.01 for poor performers) and maximum percent differences (%Ds) within ±20% (±40% for poor performers) with the exception of bis(2-chloroisopropyl)ether (-35.2%D, -27.6%D) in the continuing calibrations associated with samples with lab IDs 480-177732-4 through -8, -10, -11, -13, and samples in SDGs 480-177850-1 and 480-177888-1 except samples with lab IDs 480-177888-5 through -10 and samples WSP-EB-01-11062020 and WSP-EB-02-110620; bis(2-chloroisopropyl)ether (-38.4%D) and hexachlorocyclopentadiene (20.5%D) in the continuing calibration associated with samples 480-177888-5 through -10 and samples WSP-EB-01-11062020 and WSP-EB-02-110620; benzaldehyde (-22.9%D), bis(2-chloroethyl)ether (-25.7%D), bis(2-chloroisopropyl)ether (--44.9%D), N-nitrosodi-n-propylamine (-30.1%D), bis(2-chloroethoxy)methane (-20.7%D), hexachlorobutadiene (39.6%D), and atrazine (23.1%D) in the continuing calibration associated with sample WSP-EB-01-110420; bis(2-chloroisopropyl)ether (-31.3%D) and hexachlorobutadiene (21.8%D) in the continuing calibration associated with sample WSP-EB-01-111120; hexachlorocyclopentadiene (-21%D) in the continuing calibration associated with soil samples in SDGs 480-178148-1 and 480-178216-1; hexachlorobutadiene (-21.7%D, 23.8%D, 26.0%D, 23.5%D, 22.2%D, 21.5%D) in the continuing calibrations associated with soil samples in SDGs 480-178005-1, 480-178605-1, 480-178643-1, and 480-178679-1 with the exception of samples with lab IDs 480-178005-3 through -8, and samples WSP-SED-08-0.0-0.5 and WSP-SED-08-0.5-1.0; benzaldehyde (-28.8%D, -30.8%D), bis(2-chloroisopropyl)ether (-44.4%D, -44.5%D), and hexachlorobutadiene (26.4%D, 20.3%D) in the continuing calibrations associated with samples with lab IDs 480-178005-3 through -8, 480-178332-20 through -28, and -30; and benzaldehyde (-34.6%D), bis(2-chloroisopropyl)ether (-46.1%D), hexachlorobutadiene (24.1%D), and N-nitrosodi-n-propylamine (-20.7%D) in the continuing calibration associated with samples with lab IDs 480-178332-1 through -15, -18, and -19. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of many positive results for sample WSP-SB-10-1.0-2.0 and its field duplicate sample WSP-SB-10-1.0-2.0 DUP. Therefore, results for these compounds were considered estimated and qualified "J" for the affected parent sample and field duplicate.

Usability

All semivolatile soil and sediment sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The semivolatile soil and sediment data presented by the laboratory were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachments A-1 and A-2.

2.1.3 Pesticide, PCB, and Herbicide

The following items were reviewed for compliancy in the pesticide, PCB, and herbicide analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment blank contamination
- Initial calibrations
- Verification calibrations
- 4,4'-DDT/endrin breakdown
- Chromatogram quality
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, continuing calibration verifications, sample result identifications, and field duplicate precision as discussed below.

Holding Times

Samples WSP-EB-01-110420 and WSP-EB-02-111920 exceed the 7-day extraction holding time requirement by one to five days for pesticide analysis, and two to five days for herbicide analysis. Therefore, results were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected sample.

Surrogate Recoveries

It was noted that many samples experienced high recoveries on one or both columns for the surrogates decachlorobiphenyl or tetrachloro-m-xylene. Validation qualification was not required for the affected samples based upon sample dilutions, nondetected results, or both surrogates did not exceed QC limits on one column. However, the recovery for 2,4-dichlorophenylacetic acid (QC limit 28-129%R) fell below the QC limit on both

columns for herbicide sample WSP-SED-09-0.0-0.5 (15%R, 19%R). Therefore, the nondetected herbicide results were considered estimated and qualified "UJ" for the affected samples.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MS/MSD accuracy results for 4,4'-DDT (15%R/14%R; QC limit 43-123%R) during the spiked analyses of sample WSP-TP-03-0.5-1.0; and the low MS/MSD accuracy results for dinoseb (0%R/0%R; QC limit 10-130%R) and 2,4,5-T (22%R/16%R; QC limit 29-123%R) during the spiked analyses of sample WSP-SB-06-2.0-3.5. Therefore, the result for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected parent samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recovery for endosulfan sulfate (126%R; QC limit 49-124%R) associated with soil samples in SDGs 480-178216-1 and 480-178332-1; and endosulfan II (121%R; QC limit 55-120%R) associated with soil samples in SDG 480-178605-1. Validation qualification was not required for the affected samples.

Blank Contamination

The laboratory method blank associated with samples in SDGs 480-177772-1 and 480-177850-1 contained 4,4'-DDD, beta-BHC, delta-BHC, endrin aldehyde, and gamma-BHC below the reporting limit at concentrations of 0.510, 0.481, 0.505, 0.621, and 0.354 µg/kg, respectively; the laboratory method blank associated with sample WSP-EB-01-110420 contained delta-BHC below the reporting limit at a concentration of 0.0101 µg/L; the laboratory method blanks associated with soil samples in SDGs 480-178216-1, 480-178332-1, and 480-178643-1 contained delta-BHC below the reporting limit at concentrations of 0.508 and 0.5 µg/kg; and the laboratory method blank associated with samples in SDG 480-178605-1 contained alpha-BHC and beta-BHC below the reporting limit at concentrations of 0.397 and 0.575 µg/kg, respectively. Therefore, results for these compounds less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

Continuing Calibration Verifications

All continuing calibration verifications were analyzed at the appropriate frequency with percent differences (%Ds) within ±20% with the exception of aldrin (27.1%D) and 4,4'-DDE (25%D, 20.9%D) in the continuing calibration associated with sample WSP-EB-01-111620. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected sample.

Sample Result Identification

All positive pesticide, PCB, and herbicide sample results were within retention time windows and verified present using secondary column confirmation. The precision (%RPD) between the results on the quantitation and confirmation columns were less than 40% with the exception of methoxychlor in samples WSP-TP-03-0.5-1.0 (53.7%RPD), WSP-SB-03-1.0-4.0 (66.5%RPD), WSP-SB-09-1.0-2.0 (70-1%RPD), WSP-SS-09-0.0-2.0 (42.2%RPD), and WSP-SS-02-0.0-2.0 DUP (122.9%RPD); endrin ketone in sample WSP-SB-09-1.0-2.0 (50.7%RPD); gamma-BHC in samples WSP-SB-09-1.0-2.0 (40.8%RPD) and WSP-SB-05-10.0-11.0 (63.2%RPD); endosulfan sulfate in sample WSP-SB-04-1.0-2.0 (48.6%RPD); dinoseb in sample WSP-SB-03-1.0-4.0 (73.3%RPD); 4,4'-DDD in sample WSP-SB-15-1.0-2.0 (98.3%RPD); delta-BHC in sample WSP-SB-13-1.0-2.0 (40.7%RPD); alpha-BHC in sample WSP-SS-12-0.0-2.0 (44.2%RPD); and 4,4'-DDT in samples WSP-SED-10-1.0-2.0 (41.5%RPD) and WSP-SS-02-0.0-2.0 (48.9%RPD). Therefore, the results for these compounds were considered estimated and qualified "J" for the affected samples. Results for those compounds where precision

exceeded 90%RPD were considered estimated, tentatively identified, and qualified "JN" for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of 4,4'-DDT for sample WSP-SED-10-1.0-2.0 and its field duplicate sample WSP-SED-10-1.0-2.0 DUP. Therefore, results for this compound were considered estimated with the positive result qualified "J" and the nondetected result qualified "UJ" for the affected sample and field duplicate.

Usability

All pesticide, PCB, and herbicide soil and sediment sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The pesticide, PCB, and herbicide soil and sediment data presented by the laboratories were 100% complete (i.e., usable). The validated pesticide, PCB, and herbicide laboratory data are tabulated and presented in Attachments A-1 and A-2.

2.1.4 PFAS

The following items were reviewed for compliancy in the PFAS analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment/field blank contamination
- Instrument performance
- Initial and continuing calibrations
- Internal standard responses
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, sample result identification, and internal standard responses as discussed below.

Surrogate Recoveries

All surrogate recoveries were considered acceptable and within QC limits with the exception of the high M2-8:2 FTS recovery (QC limit 25-150%R) in samples WSP-SB-01-2.0-4.0 (188%R), WSP-SB-08-2.0-3.0 (201%R), WSP-TP-02-1.0-1.5 (191%R), WSP-TP-01-4.5-5.0 DUP (297%R), WSP-SB-02-3.0-5.0 (204%R), WSP-SED-03-1.0-2.0 (168%R), WSP-SED-05-0.0-0.5 (199%R), WSP-SED-05-0.5-1.0 (197%R), WSP-SED-06-0.0-0.5 (255%R), WSP-EB-01-111720 (154%R), WSP-SED-08-1.0-2.0 (189%R), and high recoveries for all soil samples in SDGs 480-178605-1, 480-178643-1, and 480-178679-1; the high M2-6:2 FTS recovery (QC limit 25-150%R) in samples WSP-SB-01-2.0-4.0 (187%R), WSP-SB-08-2.0-3.0 (226%R), WSP-TP-02-1.0-1.5 (181%R), WSP-TP-01-4.5-5.0 DUP (330%R), WSP-SB-02-3.0-5.0 (218%R), WSP-SED-05-0.0-0.5 (179%R), WSP-SED-05-0.5-1.0 (169%R),

WSP-SED-06-0.0-0.5 (225%R), WSP-EB-01-111720 (159%R), WSP-SED-08-1.0-2.0 (162%R), and high recoveries for all soil samples in SDGs 480-178605-1, 480-178643-1, and 480-178679-1; the low surrogate recovery for d3-NMeFOSAA (QC limit 25-150%R) in sample WSP-TP-01-4.5-5.0 (16%R); and the low surrogate recovery for d5-NEtFOSAA (QC limit 25-150%R) in sample WSP-TP-01-4.5-5.0 (17%R). Validation qualification was not required for the affected samples where surrogate recoveries exceeded the QC limit. However, associated results where surrogate recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ" for the affected samples.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the high MS/MSD accuracy results for PFUnA (128%R/135%R; QC limit 66-126%R) during the spiked analyses of sample WSP-TP-03-0.5-1.0. Validation qualification was not required for the affected parent sample.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recovery for PFOS (143%R; QC limit 68-141%R) associated with samples in SDGs 480-1777732-1 and 480-177850-1 and samples WSP-TP-03-0.5-1.0 and WSP-TP-02-1.0-1.5. Therefore, positive results for this compound were considered estimated, possibly biased high, and qualified "J+" for the affected samples.

Blank Contamination

The laboratory method blanks associated with soil samples in SDGs 480-1777732-1 and 480-177850-1 and samples WSP-TP-01-4.5-5.0 and WSP-TP-01-4.5-5.0 DUP contained PFBA and PFOS at concentrations ranging 0.0736-0.159 and 0.414-0.521 µg/kg, respectively; the laboratory method blanks associated with samples WSP-TP-03-0.5-1.0 and WSP-TP-02-1.0-1.5 and samples in SDGs 480-178332-1 and 480-178643-1 contained PFOS at concentrations ranging 0.259-0.521 µg/kg; the laboratory method blanks associated with soil samples in SDGs 480-177888-1 and 480-178077-1 contained PFBA below the reporting limit at concentrations ranging 0.117-0.127 µg/kg; and the QC equipment blanks associated with samples in SDGs 480-178216-1 and 480-178678-1 contained PFPeA below the reporting limit at concentrations of 0.55 and 0.50 ng/L. Therefore, results for these compounds less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

Sample Result Identification

It was noted that the transition ion ratio exceeded the QC limit for PFDA in sample WSP-SED-03-1.0-2.0; PFUnA in sample WSP-SS-08-0.0-2.0; PFBS in sample WSP-SS-09-0.0-2.0; PFTriA in sample WSP-SS-02-0.0-2.0; and PFHxA in sample WSP-SS-07-0.0-2.0. Therefore, the results for these compounds were considered estimated and qualified "J" for the affected samples.

Internal Standard Responses

All internal standard responses were considered acceptable and within QC limits with the exception of the low internal standard response for 13C2-PFOA in sample WSP-TP-01-4.5-5.0 DUP. Therefore, associated results were considered estimated, possibly biased high, with positive results qualified "J+" and nondetected results qualified "UJ" for the affected sample.

Usability

All PFAS soil and sediment sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The PFAS soil and sediment data presented by the laboratory were 100% complete (i.e., usable). The validated PFAS laboratory data are tabulated and presented in Attachments A-1 and A-2.

2.1.5 Inorganics (Including TCLP Metals)

The following items were reviewed for compliancy in the inorganics analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, preparation blank, and field QC equipment blank contamination
- Interference check sample (ICS) recoveries
- MS/MSD recoveries
- LCS recoveries
- Laboratory duplicate precision
- Serial dilutions
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, continuing calibrations, blank contamination, MS/MSD recoveries, LCS recoveries, serial dilutions, and field duplicate precision as discussed below.

Holding Times

Hexavalent chromium samples WSP-EB-01-11062020, WSP-EB-01-110420, and WSP-EB-02-111920 exceeded the 48-hour holding time by three to seven days. Therefore, the results for this analyte were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Continuing Calibrations

All continuing calibration verifications were analyzed at the appropriate frequency with recoveries within QC limits. All low level continuing calibration verifications were analyzed at the appropriate frequency with recoveries within the 70-130%R QC limit with the exception of the high recoveries for iron (151%R) associated with samples WSP-SB-10-6.0-8.0 and WSP-SB-10-10.0-12.0; iron (168%R, 224%R), manganese (146%R), and barium (136%R) associated with samples in SDG 480-178216-1; barium (137%R) associated with samples in SDG 480-178678-1 and samples with lab IDs 480-178679-1, -2, and -3; and barium (234%R), chromium (139%R), magnesium (152%R), and manganese (337%R) associated with samples with lab IDs 480-178679-4 through -8. Therefore, the positive results for these analytes were considered estimated, possibly biased high, and qualified "J+" for the affected samples.

Blank Contamination

The QC equipment blank associated with samples in SDG 480-177732-1 contained iron and manganese below the reporting limit at concentrations of 0.024 and 0.00078 mg/L, respectively; the laboratory preparation blank associated with samples in SDGs 480-177732-1, 480-177772-1, and 480-177888-1 contained aluminum and manganese below the reporting limit at concentrations of 4.84 and 0.0357 mg/kg, respectively; laboratory preparation blank associated with samples in SDG 480-177850-1 contained manganese below the reporting

limit at a concentration of 0.0816 mg/kg; the QC equipment blank associated with samples in SDG 480-177888-1 contained manganese and hexavalent chromium below the reporting limit at concentrations of 0.0073 and 0.0084 mg/L, respectively; the laboratory preparation blank associated with sample WSP-EB-01-11062020 contained hexavalent chromium below the reporting limit at a concentration of 0.00718 mg/L; the laboratory preparation blank associated with samples in SDG 480-178005-1 contained calcium below the reporting limit at a concentration of 3.8 mg/kg; the QC equipment blank associated with samples in SDG 480-178077-1 contained iron, manganese, and zinc below the reporting limit at concentrations of 0.022, 0.00095, and 0.0023 mg/L, respectively; the laboratory preparation blank associated with samples in SDG 480-178077-1 contained iron below the reporting limit at a concentration of 3.94 mg/kg; the laboratory preparation blank associated with sample WSP-EB-01-111120 contained zinc below the reporting limit at a concentration of 0.00171 mg/L; the QC equipment blank associated with samples in SDG 480-178148-1 contained iron, manganese, and zinc below the reporting limit at concentrations of 0.031, 0.0007, and 0.0026 mg/L, respectively; the laboratory equipment blank associated with samples in SDG 480-178148-1 contained calcium, iron, magnesium, and manganese below the reporting limit at concentrations of 8.53, 4.77, 1.63, and 0.0701 mg/kg, respectively; the QC equipment blank associated with samples in SDG 480-178216-1 contained iron and manganese below the reporting limit at concentrations of 0.027 and 0.0011 mg/L, respectively; the laboratory preparation blank associated with samples in SDG 480-178216-1 contained antimony and nickel below the reporting limit at concentrations of 0.786 and 54.48 mg/kg, respectively; the QC equipment blanks associated with samples in SDG 480-178332-1 contained aluminum, barium, calcium, iron, magnesium, and manganese at concentrations ranging 0.083-0.11, 0.0017-0.002, 0.64-1.3, 0.092-0.11, 0.053-0.063, and 0.0022-0.0032 mg/L, respectively; the laboratory preparation blanks associated with samples in SDG 480-178332-1 contained manganese below the reporting limit at concentrations ranging 0.043-0.0433 mg/kg; the laboratory preparation blank associated with samples in SDG 480-178605-1 contained calcium, manganese, and cyanide below the reporting limit at concentrations of 3.62, 0.0372, and 0.621 mg/kg, respectively; the laboratory preparation blank associated with samples in SDG 480-178643-1 contained calcium and manganese below the reporting limit at concentrations of 4.23 and 0.0703 mg/kg, respectively; the laboratory preparation blank associated with samples in SDGs 480-178678-1 and 480-178679-1 contained aluminum, calcium, iron, magnesium, and manganese at concentrations of 8.52, 77.64, 18.25, 7.28, and 0.257 mg/kg, respectively; and the QC equipment blank associated with samples in SDG 480-178679-1 contained manganese and nickel below the reporting limit at concentrations of 0.00056 and 0.0038 mg/L, respectively. Therefore, results for these analytes less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

MS/MSD Recoveries

All MS/MSD recoveries were acceptable and within the 75-125%R QC limit (80-120%R for mercury) with the exception of the MS/MSD recoveries for antimony (130%R, 70%R), chromium (68%R, 66%R), copper (-33%R, -40%R), nickel (71%R, 64%R), potassium (156%R, 157%R), silver (69%R, 72%R), mercury (-9%R, -16%R), hexavalent chromium (61%R, 40%R, 74%R, 66%R), and cyanide (131%R, 147%R; QC limit 85-115%R) associated with sample WSP-TP-03-0.5-1.0; antimony (58%R, 61%R), calcium (152%R. 162%R), potassium (129%R, 136%R), and copper (51%R) associated with sample WSP-TP-01-4.5-5.0 DUP; aluminum (184%R, 209%R), antimony (48%R, 69%R), arsenic (130%R), chromium (138%R), cobalt (140%R), nickel (135%R, 132%R), and potassium (134%R, 126%R) associated with sample WSP-SB-04-8.0-10.0; mercury (60%R, 62%R) associated with sample WSP-SB-03-0.5-1.0; antimony (55%R, 60%R), barium (248%R, 171%R), calcium (177%R, 131%R), copper (132%R), potassium (208%R, 207%R), zinc (144%R), and mercury (129%R, 151%R) associated with sample WSP-SB-06-2.0-3.5; antimony (54%R, 66%R), calcium (67%R, 33%R), lead (154%R, 178%R), magnesium (3%R, 3%R), nickel (64%R, 62%R), potassium (144%R, 156%R), and mercury (45%R, 48%R) associated with sample WSP-SB-14-2.0-3.5; antimony (60%R, 59%R), barium (144%R, 138%R), calcium (73%R), magnesium (73%R, 74%R), manganese (25%R, -21%R), potassium (198%R, 205%R), and zinc (37%R,

29%R) associated with sample WSP-SB-07-8.0-11.0; antimony (48%R, 54%R), barium (250%R, 135%R), potassium (233%R, 217%R), zinc (27%R, 57%R), and calcium (73%R) associated with sample WSP-SB-13-2.0-4.0; antimony (47%R, 47%R), barium (158%R, 153%R), and potassium (207%R, 206%R) associated with sample WSP-SED-04-1.0-2.0; antimony (45%R, 48%R), barium (161%R, 167%R), and potassium (228%R, 224%R) associated with sample WSP-SED-03-0.0-0.5; aluminum (435%R, 405%R), antimony (64%R, 66%R), barium (171%R, 169%R), potassium (218%R, 218%R), and cyanide (83%R; QC limit 85-115%R) associated with sample WSP-SS-14-0.0-2.0; antimony (57%R, 58%R), barium (192%R, 176%R), potassium (207%R, 209%R), mercury (132%R), and cyanide (0%R, 0%R) associated with sample WSP-SED-12-1.0-2.0; and cyanide (0%R; QC limit 85-115%R) associated with sample WSP-SS-05-0.0-2.0. Therefore, results for those analytes where matrix spike recoveries fell below the QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive results for those analytes where matrix spike recoveries exceeded the QC limit were considered estimated and qualified "J" for the affected samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the low LCS recovery for cyanide (11.5%R; QC limit 17-162.8%R) associated with samples in SDG 480-178005-1. Therefore, cyanide results which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Serial Dilutions

All serial dilution results were considered acceptable with percent differences (%Ds) less than 10% with the exception of the serial dilution for beryllium (11%D), magnesium (11%D), and zinc (11%D) associated with sample WSP-TP-03-0.5-1.0; arsenic (15%D), barium (14%D), chromium (12%D), magnesium (12%D), manganese (11%D), vanadium (11%D), and zinc (12%D) associated with sample WSP-TP-01-4.5-5.0 DUP; aluminum (18%D) and arsenic (13%D) associated with sample WSP-SB-04-8.0-10.0; aluminum (12%D), barium (14%D), calcium (11%D), chromium (12%D), iron (11%D), manganese (12%D), and potassium (11%D) associated with sample WSP-SB-06-2.0-3.5; aluminum (14%D), barium (17%D), calcium (16%D), chromium (12%D), copper (12%D), iron (14%D), magnesium (14%D), manganese (16%D), potassium (16%D), and zinc (13%D) associated with sample WSP-SB-14-2.0-3.5; aluminum (15%D), barium (18%D), calcium (14%D), chromium (12%D), iron (14%D), magnesium (13%D), manganese (11%D), potassium (16%D), vanadium (12%D), and zinc (13%D) associated with sample WSP-SB-07-8.0-11.0; aluminum (15%D), barium (16%D), calcium (17%D), chromium (15%D), copper (15%D), iron (16%D), magnesium (17%D), manganese (19%D), potassium (15%D), vandanium (14%D), and zinc (18%D) associated with sample WSP-SB-13-2.0-4.0; aluminum (13%D), barium (19%D), calcium (15%D), chromium (12%D), copper (15%D), iron (14%D), magnesium (14%D), manganese (14%D), potassium (11%D), and zinc (12%D) associated with sample WSP-SED-04-1.0-2.0; barium (15%D), calcium (11%D), and manganese (13%D) associated with sample WSP-SED-03-0.0-0.5; and aluminum (13%D), barium (18%D), calcium (12%D), chromium (15%D), copper (12%D), iron (13%D), magnesium (14%D), manganese (16%D), potassium (11%D), vanadium (14%D), and zinc (15%D) associated with sample WSP-SED-12-1.0-2.0. Therefore, positive results for these analytes were considered estimated and qualified "J" for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision for cadmium, iron, and mercury associated with sample WSP-SB-08-2.0-3.0 and its field duplicate sample WSP-SB-08-2.0-3.0 DUP; and calcium and TCLP lead associated with sample WSP-SB-02-1.0-2.0 and its field duplicate sample WSP-SB-02-1.0-2.0 DUP. Therefore, results for these analytes were considered estimated with the positive results qualified "J" and the nondetected results qualified "UJ" for the affected parent samples and field duplicates.

Usability

All inorganic soil and sediment sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The inorganic soil and sediment data presented by the laboratory were 100% complete (i.e., usable). The validated inorganic laboratory data are tabulated and presented in Attachments A-1 and A-2.

2.1.6 SGT-HEM TPH AND TOC

The following items were reviewed for compliancy in the TPH and TOC analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, preparation blank, and field QC equipment blank contamination
- MS/MSD recoveries
- LCS recoveries
- Laboratory duplicate precision
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination, MS/MSD recoveries, and field duplicate precision as discussed below.

Blank Contamination

The laboratory preparation blanks associated with sample WSP-SB-01-2.0-4.0 and samples in SDGs 480-177772-1, 480-177850-1, 480-177888-1, 480-178077-1, 480-178216-1, 480-178605-1, and 480-178643-1 contained TPH below the reporting limit at concentrations ranging of 37.73-79.66 mg/kg. Therefore, results less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

MS/MSD Recoveries

All MS/MSD recoveries were acceptable and within the 64-132%R QC limit with the exception of the MS/MSD recoveries for TPH (-13%R, -30%R) associated with sample WSP-TP-03-0.5-1.0; and TPH (16%R, 39%R) associated with sample WSP-SB-06-2.0-3.5. Therefore, TPH results were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision for TPH associated with sample WSP-TP-01-4.5-5.0 and its field duplicate sample WSP-TP-01-4.5-5.0 DUP. Therefore, TPH results were considered estimated and qualified "J" for the affected parent sample and field duplicate.

Usability

All TPH and TOC soil and sediment sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The TPH and TOC soil and sediment data presented by the laboratory were 100% complete (i.e., usable). The validated TPH and TOC laboratory data are tabulated and presented in Attachments A-1 and A-2.

ATTACHMENT A – VALIDATED LABORATORY DATA

ATTACHMENT A-1 VALIDATED LABORATORY DATA FOR SOIL AND SEDIMENT SAMPLES

				Location ID	WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02	
				Sample ID	WSP-SB-01_0.0-0.5		WSP-SB-01_0.5-1.0		WSP-SB-01_1.0-2.0		WSP-SB-01_2.0-4.0		WSP-SB-01_5.0-7.0		WSP-SB-01_9.2-10.2		WSP-SB-02_0.0-0.5		WSP-SB-02_0.5-1.0		WSP-SB-02_1.0-2.0		WSP-SB-02_1.0-2.0 DUP		WSP-SB-02_3.0-5.0		WSP-SB-02_6.0-7.0	
					0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 4 ft		5 - 7 ft		9.2 - 10.2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 2 ft		3 - 5 ft		6 - 7 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801777321		4801777321		4801777321		4801777321		4801777321		4801777321		4801782161		4801782161		4801782161		4801782161		4801782161		4801782161	
				Lab Sample ID	480-177732-1		480-177732-2		480-177732-3		480-177732-4		480-177732-5		480-177732-6		480-178216-3		480-178216-4		480-178216-5		480-178216-6		480-178216-7		480-178216-8	
				Sample Date	11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		FD		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg							2.3	U													2.1	U		
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg							2.3	U													2.1	U		
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg							0.58	U													0.53	U		
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg							0.23	U													0.21	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg							2.3	U													2.1	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg							2.3	U													2.1	U		
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg							5.9	U													4.3	U		
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg							5.9	U													4.3	U		
SW8260C	NA	2-Hexanone	591-78-6	ug/kg							30	U													21	U		
SW8260C	NA	Acetone	67-64-1	ug/kg							30	U													21	U		
SW8260C	NA	Benzene	71-43-2	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Bromoform	75-25-2	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Bromomethane	74-83-9	ug/kg							5.9	UJ													4.3	U		
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Chloroethane	75-00-3	ug/kg							5.9	UJ													4.3	U		
SW8260C	NA	Chloroform	67-66-3	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Chloromethane	74-87-3	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Cyclohexane	110-82-7	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg							30	U													21	U		
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg							30	U													21	U		
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg							30	U													21	U		
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg							5.9	U													4.3	U		
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg							5.9	U													4.3	U		
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Styrene	100-42-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Toluene	108-88-3	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg							5.9	U													4.3	U		
SW8260C	NA	Xylenes	1330-20-7	ug/kg							12	U													8.6	U		
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	670	U	110	U	110	U	1200	U	1200	U	120	U	650	U	580	U	1100	U	1100	U	530	U	120	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U

PARSONS

					Location ID	WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02	
					Sample ID	WSP-SB-01_0.0-0.5		WSP-SB-01_0.5-1.0		WSP-SB-01_1.0-2.0		WSP-SB-01_2.0-4.0		WSP-SB-01_5.0-7.0		WSP-SB-01_9.2-10.2		WSP-SB-02_0.0-0.5		WSP-SB-02_0.5-1.0		WSP-SB-02_1.0-2.0		WSP-SB-02_1.0-2.0 DUP		WSP-SB-02_3.0-5.0		WSP-SB-02_6.0-7.0			
						0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 4 ft		5 - 7 ft		9.2 - 10.2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 2 ft		3 - 5 ft		6 - 7 ft			
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO			
					SDG	4801777321		4801777321		4801777321		4801777321		4801777321		4801777321		4801782161		4801782161		4801782161		4801782161		4801782161		4801782161			
					Lab Sample ID	480-177732-1		480-177732-2		480-177732-3		480-177732-4		480-177732-5		480-177732-6		480-178216-3		480-178216-4		480-178216-5		480-178216-6		480-178216-7		480-178216-8			
					Sample Date	11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020			
					Sample Type Code	N		N		N		N		N		N		N		N		N		FD		N		N			
Method	Fraction	Chemical Name	CAS RN	Unit																											
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	11000	U	1800	U	1800	U	20000	U	20000	U	2000	U	11000	U	9700	U	17000	U	18000	U	8800	U	1900	U		
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	1100	U	180	U	26	J	260	J	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Acetophenone	98-86-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Anthracene	120-12-7	ug/kg	1100	U	180	U	190	U	2000	U	540	J	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Atrazine	1912-24-9	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	1100	U	30	J	75	J	1100	J	1200	J	200	U	1100	U	990	U	1800	U	1800	U	97	J	200	U		
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	1100	U	41	J	98	J	1100	J	1100	J	200	U	1100	U	990	U	1800	U	270	J	160	J	200	U		
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	190	J	56	J	110	J	1300	J	1600	J	200	U	1100	U	990	U	310	J	290	J	210	J	200	U		
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	1100	U	20	J	63	J	990	J	970	J	200	U	1100	U	990	U	1800	U	260	J	150	J	200	U		
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	1100	U	180	U	45	J	660	J	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	1100	UJ	180	UJ	190	UJ	2000	UJ	2000	UJ	200	UJ	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Caprolactam	105-60-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Carbazole	86-74-8	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Chrysene	218-01-9	ug/kg	1100	U	180	U	72	J	1200	J	1100	J	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	190	J	69	J	150	J	1700	J	2500		200	U	130	J	140	J	270	J	300	J	240	J	200	U		
SW8270D	NA	Fluorene	86-73-7	ug/kg	1100	U	180	U	190	U	2000	U	250	J	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	UJ	990	UJ	1800	UJ	1800	UJ	900	UJ	200	UJ		
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	1100	U	180	U	46	J	880	J	800	J	200	U	1100	U	990	U	1800	U	1800	U	110	J	200	U		
SW8270D	NA	Isophorone	78-59-1	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Naphthalene	91-20-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	2200	U	360	U	360	U	3900	U	3900	U	390	U	2100	U	1900	U	3500	U	3500	U	1800	U	380	U		
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	1100	U	180	U	82	J	760	J	1700	J	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Phenol	108-95-2	ug/kg	1100	U	180	U	190	U	2000	U	2000	U	200	U	1100	U	990	U	1800	U	1800	U	900	U	200	U		
SW8270D	NA	Pyrene	129-00-0	ug/kg	1100	U	45	J	120	J	1300	J	1700	J	200	U	1100	U	990	U	1800	U	1800	U	180	J	200	U		
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg							68	U													18	U				
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg							68	U													18	U				
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg							17	J													8	J				
SW8081B	NA	Aldrin	309-00-2	ug/kg							68	U													18	U				
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg							68	U													18	U				
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg							68	U													18	U				
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg							68	U													18	U				
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg							68	U													18	U				
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg							68	U													18	U				
SW8081B	NA	Dieldrin	60-57-1	ug/kg							68	U													18	U				
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg							68	U													18	U				
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg							68	U													18	U				
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg							68	U													18	U				
SW8081B	NA	Endrin	72-20-8	ug/kg							68	U													18	U				
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg							68	U													18	U				

PARSONS

				Location ID	WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-01		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02		WSP-SB-02	
				Sample ID	WSP-SB-01_0.0-0.5		WSP-SB-01_0.5-1.0		WSP-SB-01_1.0-2.0		WSP-SB-01_2.0-4.0		WSP-SB-01_5.0-7.0		WSP-SB-01_9.2-10.2		WSP-SB-02_0.0-0.5		WSP-SB-02_0.5-1.0		WSP-SB-02_1.0-2.0		WSP-SB-02_1.0-2.0 DUP		WSP-SB-02_3.0-5.0		WSP-SB-02_6.0-7.0	
					0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 4 ft		5 - 7 ft		9.2 - 10.2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 2 ft		3 - 5 ft		6 - 7 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801777321		4801777321		4801777321		4801777321		4801777321		4801777321		4801782161		4801782161		4801782161		4801782161		4801782161		4801782161	
				Lab Sample ID	480-177732-1		480-177732-2		480-177732-3		480-177732-4		480-177732-5		480-177732-6		480-178216-3		480-178216-4		480-178216-5		480-178216-6		480-178216-7		480-178216-8	
				Sample Date	11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		FD		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg							68	U													18	U		
SW8081B	NA	Heptachlor	76-44-8	ug/kg							68	U													18	U		
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg							68	U													18	U		
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg							68	U													18	U		
SW8081B	NA	Methoxychlor	72-43-5	ug/kg							68	U													18	U		
SW8081B	NA	Toxaphene	8001-35-2	ug/kg							680	U													180	U		
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg							0.26	U													0.21	U		
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg							0.26	U													0.21	U		
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg							0.26	U													0.21	U		
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg							20	U													18	U		
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg							20	U													18	U		
SW8151A	NA	Dinoseb	88-85-7	ug/kg							20	U													18	U		
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg							20	U													18	U		
SW6010C	T	Aluminum	7429-90-5	mg/kg	13600		14300		13500		10200		10700		14400		13300		11200		8890		9540		8030		15600	
SW6010C	T	Antimony	7440-36-0	mg/kg	20.1	U	16.6	U	17.2	U	18.3	U	18.2	U	18.3	U	20.2	U	16.9	U	15.8	U	16.5	U	17	U	17.4	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	9.4		9.2		10.1		15.2		16.5		8.3		7.5		6.6		13		11.7		17		5.5	
SW6010C	T	Barium	7440-39-3	mg/kg	156		136		154		305		357		208		156	J+	190	J+	411	J+	320	J+	583	J+	216	J+
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.65		0.62		0.61		0.85		0.7		0.57		0.62		0.75		0.76		0.71		0.77		0.65	
SW6010C	T	Boron	7440-42-8	mg/kg	5.2		4.4		3.7		6.7		7.5		3.7		5.5		4.1		9.2		5.3		6.9		6.2	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.52		0.23		0.43		2.2		2		0.15	J	0.75		0.55		1.4		1.5		0.96		0.14	J
SW6010C	T	Calcium	7440-70-2	mg/kg	2290		1730		3560		28000		12100		1580		2020		1900		4950	J	10600	J	9120		2810	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg							2.4	U													1.7	U		
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg							57.5														21.9			
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	17.3		17.7		17.3		57.5		72.1		16.4		16.6		15.2		22.2		20.9		21.9		17.3	
SW6010C	T	Cobalt	7440-48-4	mg/kg	11.4		12.2		11.2		10.2		10.5		8.8		9.3		10.4		9.5		9.3		7.6		9.9	
SW6010C	T	Copper	7440-50-8	mg/kg	25.2		34.2		35.2		103		84.8		10.1		17.3		25.5		185		128		106		12.8	
SW6010C	T	Iron	7439-89-6	mg/kg	24500		28700		31300		32000		50800		20100		18300	J+	14900	J+	17000	J+	18900	J+	21600	J+	20300	J+
SW6010C	T	Lead	7439-92-1	mg/kg	56.7		31.4		80.9		548		886		9.6		99.4		318		502		404		650		13.6	
SW6010C	T	Magnesium	7439-95-4	mg/kg	3170		4150		3680		2860		2500		2640		2790	J+	1800	J+	1690	J+	1860	J+	1430	J+	3020	J+
SW6010C	T	Manganese	7439-96-5	mg/kg	622		456		455		420		492		476		549		338		321		522		387		540	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.066		0.036		0.069		0.42		0.34		0.034		0.1		0.062		0.45		0.37		0.31		0.035	
SW6010C	T	Nickel	7440-02-0	mg/kg	25		28.8		28		28.8		30.1		21.8		22.4		24.2		43.1		40.5		24.6		25	
SW6010C	T	Potassium	7440-09-7	mg/kg	1930		1790		1550		1330		1440		1490		1980		1550		1460		1390		1230		1910	
SW6010C	T	Selenium	7782-49-2	mg/kg	5.4	U	4.4	U	4.6	U	1	J	2.2	J	4.9	U	1.4	J	0.68	J	1.3	J	1.1	J	1.4	J	0.98	J
SW6010C	T	Silver	7440-22-4	mg/kg	0.81	U	0.66	U	0.69	U	0.32	J	0.26	J	0.73	U	0.28	J	0.37	J	1.2		0.76		0.65	J	0.24	J
SW6010C	T	Sodium	7440-23-5	mg/kg	114	J	96.1	J	78.4	J	206		163	J	52.4	J	81.6	J	130	J	224		195		185		128	J
SW6010C	T	Thallium	7440-28-0	mg/kg	8.1	U	6.6	U	6.9	U	7.3	U	7.3	U	7.3	U	8.1	U	6.8	U	6.3	U	6.6	U	6.8	U	7	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	20.1		20.9		20.7		24.8		26.7		19.3		21.3		24.4		29.1		27.4		18.4		21.7	
SW6010C	T	Zinc	7440-66-6	mg/kg	108		94.4		136		425		430		53.6		128		167		522		507		328		69.9	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.49	J	0.6	J	1.5		0.9	J	1.5		0.42	J	0.33	J	0.53	J	1.4		1.3		1.1		0.25	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.0013	J	0.0012	J	0.007		0.014		0.021		0.002	U	0.0023		0.0033		0.0091		0.008		0.0091		0.002	U
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.005	J	0.0064	J	0.064		0.17		0.58		0.02	U	0.0086	J	1.1		0.79	J	0.21	J	0.87		0.02	U
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.015	J
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg							1.2	U													0.97	U		
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																								
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg							4440														264			

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				Location ID	WSP-SB-02		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-04		WSP-SB-04		WSP-SB-04		WSP-SB-04	
				Sample ID	WSP-SB-02_8.0-10.0		WSP-SB-03_0.0-0.5		WSP-SB-03_0.5-1.0		WSP-SB-03_1.0-2.0		WSP-SB-03_1.0-4.0		WSP-SB-03_11.5-13.5		WSP-SB-03_2.5-3.5		WSP-SB-03_3.5-4.0		WSP-SB-04_0.0-0.5		WSP-SB-04_0.5-1.0		WSP-SB-04_1.0-2.0		WSP-SB-04_15.0-17.0	
					8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 4 ft		11.5 - 13.5 ft		2.5 - 3.5 ft		3.5 - 4 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		15 - 17 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801782161		4801778501		4801778501		4801781481		4801778501		4801778501		4801781481		4801781481		4801778501		4801778501		4801778501		4801778501	
				Lab Sample ID	480-178216-9		480-177850-3		480-177850-4		480-178148-1		480-177850-5		480-177850-6		480-178148-2		480-178148-3		480-177850-13		480-177850-14		480-177850-15		480-177850-2	
				Sample Date	11/13/2020		11/3/2020		11/3/2020		11/11/2020		11/3/2020		11/3/2020		11/11/2020		11/11/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg									2.2	U											2.2	U		
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg									2.2	U											2.2	U		
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg									0.22												0.21	J		
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg									0.22	U											0.042	J		
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg									0.22	U											0.037	J		
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg									0.22	U											0.05	J		
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg									0.55	U											0.54	UJ		
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg									0.22	U											0.14	J		
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg									0.22	U											0.097	J		
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg									0.22	U											0.22	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg									2.2	U											2.2	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg									2.2	U											2.2	U		
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg									6.9	UJ											5.8	UJ		
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg									6.9	UJ											5.8	UJ		
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg									6.9	U											5.8	U		
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	2-Hexanone	591-78-6	ug/kg									35	U											29	U		
SW8260C	NA	Acetone	67-64-1	ug/kg									12	J											29	U		
SW8260C	NA	Benzene	71-43-2	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Bromoform	75-25-2	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Bromomethane	74-83-9	ug/kg									6.9	UJ											5.8	UJ		
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Chloroethane	75-00-3	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Chloroform	67-66-3	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Chloromethane	74-87-3	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Cyclohexane	110-82-7	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg									35	U											29	U		
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg									35	U											29	U		
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg									35	U											29	U		
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg									6.9	U											5.8	U		
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg									6.9	UJ											5.8	UJ		
SW8260C	NA	Styrene	100-42-5	ug/kg									6.9	U											5.8	U		
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg									6.9	UJ											5.8	U		
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Toluene	108-88-3	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg									6.9	U											5.8	U		
SW8260C	NA	Xylenes	1330-20-7	ug/kg									14	U											12	U		
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	110	U	1100	U	110	U	540	U	120	U	120	U	110	U	580	U	660	U	580	U	120	U	130	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U

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					Location ID	WSP-SB-02		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-04		WSP-SB-04		WSP-SB-04		WSP-SB-04	
					Sample ID	WSP-SB-02_8.0-10.0		WSP-SB-03_0.0-0.5		WSP-SB-03_0.5-1.0		WSP-SB-03_1.0-2.0		WSP-SB-03_1.0-4.0		WSP-SB-03_11.5-13.5		WSP-SB-03_2.5-3.5		WSP-SB-03_3.5-4.0		WSP-SB-04_0.0-0.5		WSP-SB-04_0.5-1.0		WSP-SB-04_1.0-2.0		WSP-SB-04_15.0-17.0	
						8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 4 ft		11.5 - 13.5 ft		2.5 - 3.5 ft		3.5 - 4 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		15 - 17 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801782161		4801778501		4801778501		4801781481		4801778501		4801778501		4801781481		4801781481		4801778501		4801778501		4801778501		4801778501	
					Lab Sample ID	480-178216-9		480-177850-3		480-177850-4		480-178148-1		480-177850-5		480-177850-6		480-178148-2		480-178148-3		480-177850-13		480-177850-14		480-177850-15		480-177850-2	
					Sample Date	11/13/2020		11/3/2020		11/3/2020		11/11/2020		11/3/2020		11/3/2020		11/11/2020		11/11/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	1900	U	18000	U	1800	U	9000	U	2000	U	2000	U	1900	U	9600	U	11000	U	9700	U	1900	U	2100	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	190	U	1900	U	180	U	920	U	48	J	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	190	U	1900	U	87	J	920	U	200	U	210	U	190	U	410	J	1100	U	990	U	47	J	210	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	190	U	1900	U	140	J	920	U	53	J	210	U	190	U	270	J	1100	U	990	U	210		130	J
SW8270D	NA	Atrazine	1912-24-9	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	190	U	1900	U	650		1100		250		210	U	69	J	880	J	520	J	550	J	740		300	
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	190	U	1900	U	860		1300		290		210	U	79	J	1200		600	J	710	J	780		270	
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	190	U	290	J	1100		2100		400		210	U	140	J	1300		750	J	840	J	1000		300	
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	190	U	220	J	750		1100		290		210	U	110	J	910	J	430	J	460	J	510		150	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	190	U	1900	U	670		1000		140	J	210	U	44	J	730	J	330	J	440	J	370		140	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	190	U	1900	UJ	180	UJ	920	U	200	UJ	210	UJ	190	U	990	U	1100	UJ	990	UJ	200	UJ	210	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	190	U	1900	U	47	J	920	U	200	U	210	U	190	U	210	J	1100	U	990	U	82	J	82	J
SW8270D	NA	Chrysene	218-01-9	ug/kg	190	U	1900	U	640		1100		320		210	U	110	J	1200		560	J	590	J	750		300	
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	190	U	1900	U	240		310	J	95	J	210	U	42	J	270	J	1100	U	990	U	170	J	57	J
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	190	U	1900	U	36	J	920	U	200	U	210	U	190	U	130	J	1100	U	990	U	34	J	210	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	190	U	350	J	1100		1700		520		210	U	83	J	2500		930	J	810	J	1400		640	
SW8270D	NA	Fluorene	86-73-7	ug/kg	190	U	1900	U	26	J	920	U	24	J	210	U	190	U	210	J	1100	U	990	U	39	J	45	J
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	190	UJ	1900	U	180	U	920	UJ	200	U	210	U	190	UJ	990	UJ	1100	U	990	U	200	U	210	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	190	U	250	J	760		1000		230		210	U	79	J	770	J	410	J	460	J	500		140	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	190	U	1900	U	30	J	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	380	U	3600	U	350	U	1800	U	390	U	400	U	380	U	1900	U	2200	U	1900	U	380	U	410	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	190	U	1900	U	500		730	J	330		210	U	190	U	2300		420	J	300	J	780		520	
SW8270D	NA	Phenol	108-95-2	ug/kg	190	U	1900	U	180	U	920	U	200	U	210	U	190	U	990	U	1100	U	990	U	200	U	210	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	190	U	280	J	800		1200		440		210	U	64	J	2200		780	J	700	J	1100		460	
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg									10	U											9.6	U		
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg									10	U											9.6	U		
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg									7.8	J											10			
SW8081B	NA	Aldrin	309-00-2	ug/kg									10	U											9.6	U		
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg									10	U											9.6	U		
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg									10	U											9.6	U		
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg									10	U											9.6	U		
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg									10	U											9.6	U		
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg									10	U											9.6	U		
SW8081B	NA	Dieldrin	60-57-1	ug/kg									10	U											9.6	U		
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg									10	U											9.6	U		
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg									10	U											9.6	U		
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg									10	U											3.6	J		
SW8081B	NA	Endrin	72-20-8	ug/kg									10	U											9.6	U		
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg									10	U											9.6	U		

PARSONS

				Location ID	WSP-SB-02		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-03		WSP-SB-04		WSP-SB-04		WSP-SB-04		WSP-SB-04	
				Sample ID	WSP-SB-02_8.0-10.0		WSP-SB-03_0.0-0.5		WSP-SB-03_0.5-1.0		WSP-SB-03_1.0-2.0		WSP-SB-03_1.0-4.0		WSP-SB-03_11.5-13.5		WSP-SB-03_2.5-3.5		WSP-SB-03_3.5-4.0		WSP-SB-04_0.0-0.5		WSP-SB-04_0.5-1.0		WSP-SB-04_1.0-2.0		WSP-SB-04_15.0-17.0	
					8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 4 ft		11.5 - 13.5 ft		2.5 - 3.5 ft		3.5 - 4 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		15 - 17 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801782161		4801778501		4801778501		4801781481		4801778501		4801778501		4801781481		4801781481		4801778501		4801778501		4801778501	
				Lab Sample ID	480-178216-9		480-177850-3		480-177850-4		480-178148-1		480-177850-5		480-177850-6		480-178148-2		480-178148-3		480-177850-13		480-177850-14		480-177850-15		480-177850-2	
				Sample Date	11/13/2020		11/3/2020		11/3/2020		11/11/2020		11/3/2020		11/3/2020		11/11/2020		11/11/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg									4.5	J											4.2	J		
SW8081B	NA	Heptachlor	76-44-8	ug/kg									10	U											9.6	U		
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg									10	U											9.6	U		
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg									10	U											9.6	U		
SW8081B	NA	Methoxychlor	72-43-5	ug/kg									22	J											14			
SW8081B	NA	Toxaphene	8001-35-2	ug/kg									100	U											96	U		
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg									0.25	U											0.23	U		
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg									0.25	U											0.23	U		
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg									0.25	U											0.23	U		
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg									20	U											19	U		
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg									20	U											19	U		
SW8151A	NA	Dinoseb	88-85-7	ug/kg									13	J											19	U		
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg									20	U											19	U		
SW6010C	T	Aluminum	7429-90-5	mg/kg	12800		10100		8220		8970		9390		13500		8390		11500		12100		11100		10000		9350	
SW6010C	T	Antimony	7440-36-0	mg/kg	16.7	U	16.1	U	0.69	J	1.4	J	18.6	U	18.1	U	18.6	U	2.6	J	2.7	J	5.1	J	2.3	J	18.3	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	4.8		8.5		19.6		24		26.8		9.6		11.5		18.3		25.2		29.3		28.8		4.6	
SW6010C	T	Barium	7440-39-3	mg/kg	120	J+	123		204		222		234		119		190		420		478		541		700		85.4	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.55		0.49		1.1		0.78		1.1		0.91		1.2		0.8		1		0.97		0.96		0.4	
SW6010C	T	Boron	7440-42-8	mg/kg	4.1		6.1		6.3		6.6		10.7		3.9		6.6		5.8		8.8		18		9.8		3.5	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.11	J	2.1		6.8		13.5		2.5		0.14	J	1.3		0.59		5.9		5.8		8.1		0.11	J
SW6010C	T	Calcium	7440-70-2	mg/kg	1550		3400		2860		5190		7300		1530		7690		8770		3950		3850		5130		1200	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg									2.4	U											2.3	U		
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg									17.8												33.4			
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	14.2		12.9		16		14.7		17.8		15.3		13.5		23.8		32.1		34.4		33.4		11.1	
SW6010C	T	Cobalt	7440-48-4	mg/kg	9		8.4		8.2		7.4		9.4		10.2		8.8		8.9		22.2		12.6		13.1		6.8	
SW6010C	T	Copper	7440-50-8	mg/kg	11		19.9		133		76.3		40.9		13		170		65		184		213		196		9.5	
SW6010C	T	Iron	7439-89-6	mg/kg	18200	J+	17600		21800		18500		18000		23700		7000		20400		38900		55700		55000		11700	
SW6010C	T	Lead	7439-92-1	mg/kg	11.9		142		759		966		208		27.4		116		1510		1560		1360		2300		11.3	
SW6010C	T	Magnesium	7439-95-4	mg/kg	2900	J+	2830		918		1190		1070		2650		536		2340		1880		1480		1380		2140	
SW6010C	T	Manganese	7439-96-5	mg/kg	584		416		337		280		396		184		226		359		701		662		3270		123	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.022		0.071		0.31	J	0.26		0.27		0.027		0.03		0.38		0.48		0.64		0.72		0.29	
SW6010C	T	Nickel	7440-02-0	mg/kg	20.5		19.3		20.5		17.5		23		23.9		18.4		21.7		38.6		36		39.8		16.4	
SW6010C	T	Potassium	7440-09-7	mg/kg	1250		1620		853		968		1110		1420		1040		1270		2040		1670		1640		1140	
SW6010C	T	Selenium	7782-49-2	mg/kg	0.97	J	4.3	U	2.7	J	1.1	J	1.8	J	4.8	U	1	J	0.55	J	2.5	J	2.4	J	2	J	4.9	U
SW6010C	T	Silver	7440-22-4	mg/kg	0.23	J	0.21	J	0.3	J	0.4	J	0.36	J	0.34	J	0.27	J	0.66	J	0.98		0.95		1.4		0.73	U
SW6010C	T	Sodium	7440-23-5	mg/kg	110	J	66	J	173		245		268		60.1	J	318		195		172	J	254		312		32.5	J
SW6010C	T	Thallium	7440-28-0	mg/kg	6.7	U	6.4	U	6.5	U	6.4	U	0.57	J	7.3	U	7.4	U	6.8	U	7.9	U	7.3	U	6.9	U	7.3	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	17.8		16.3		26.8		22.1		30.9		23.4		28.7		25.4		31.7		31.6		29.7		13.9	
SW6010C	T	Zinc	7440-66-6	mg/kg	54.3		117		736		332		685		57.9		405		563		1250		1250		1840		50.8	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.025		0.018		0.015	U	0.011	J	0.0067	J	0.016		0.018		0.013	J	0.018	
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.32	J	0.75	J	0.71	J	0.74	J	0.49	J	0.33	J	0.75	J	0.32	J	2		1.8		1.8		0.61	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.002	U	0.0079		0.046		0.069		0.035		0.002	U	0.011		0.0085		0.014		0.024		0.039		0.00091	J
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.016	J	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.00017	J	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.02	U	0.016	J	0.77		0.25		0.089		0.018	J	0.023		1.9		0.44		0.86		1		0.016	J
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.018	J	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg									1.2	U											0.58	J		
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																								
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg									163												131			

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					Location ID	WSP-SB-04		WSP-SB-04		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-06		WSP-SB-06		WSP-SB-06	
					Sample ID	WSP-SB-04_4.0-6.0		WSP-SB-04_8.0-10.0		WSP-SB-05_0.0-0.5		WSP-SB-05_0.5-1.0		WSP-SB-05_1.0-2.0		WSP-SB-05_10.0-11.0		WSP-SB-05_12.0-13.0		WSP-SB-05_14.0-16.0		WSP-SB-05_4.0-6.0		WSP-SB-06_0.0-0.5		WSP-SB-06_0.5-1.0		WSP-SB-06_1.0-2.0	
						4 - 6 ft		8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		10 - 11 ft		12 - 13 ft		14 - 16 ft		4 - 6 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801778501		4801778501		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881	
					Lab Sample ID	480-177850-16		480-177850-1		480-177888-4		480-177888-5		480-177888-6		480-177888-8		480-177888-9		480-177888-10		480-177888-7		480-177888-11		480-177888-12		480-177888-13	
					Sample Date	11/3/2020		11/3/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg												2.1	U											
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg												2.1	U											
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg												0.21	U											
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg												0.21	U											
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg												0.21	U											
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg												0.21	U											
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg												0.21	U											
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg												0.21	U											
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg												0.21	U											
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg												0.21	U											
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg												0.21	U											
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg												0.21	U											
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg												0.21	U											
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg												0.53	U											
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg												0.21	U											
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg												0.21	U											
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg												0.21	U											
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg												0.21	U											
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg												0.21	U											
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg												2.1	U											
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg												2.1	U											
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg												4.9	U											
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg												4.9	U											
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg												4.9	U											
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg												4.9	U											
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg												4.9	U											
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg												4.9	U											
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg												4.9	U											
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg												4.9	U											
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg												4.9	UJ											
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg												4.9	U											
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg												4.9	U											
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg												4.9	U											
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg												4.9	U											
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg												4.9	U											
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg												4.9	U											
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg												4.9	U											
SW8260C	NA	2-Hexanone	591-78-6	ug/kg												24	U											
SW8260C	NA	Acetone	67-64-1	ug/kg												24	U											
SW8260C	NA	Benzene	71-43-2	ug/kg												4.9	U											
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg												4.9	U											
SW8260C	NA	Bromoform	75-25-2	ug/kg												4.9	U											
SW8260C	NA	Bromomethane	74-83-9	ug/kg												4.9	UJ											
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg												4.9	U											
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg												4.9	U											
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg												4.9	U											
SW8260C	NA	Chloroethane	75-00-3	ug/kg												4.9	U											
SW8260C	NA	Chloroform	67-66-3	ug/kg												4.9	U											
SW8260C	NA	Chloromethane	74-87-3	ug/kg												4.9	U											
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg												4.9	U											
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg												4.9	U											
SW8260C	NA	Cyclohexane	110-82-7	ug/kg												4.9	U											
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg												4.9	U											
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg												4.9	U											
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg												4.9	U											
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg												4.9	U											
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg												24	U											
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg												24	U											
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg												24	U											
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg												4.9	U											
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg												4.9	U											
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg												4.9	U											
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg												4.9	U											
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg												4.9	U											
SW8260C	NA	Styrene	100-42-5	ug/kg												4.9	U											
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg												4.9	U											
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg												4.9	U											
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg												4.9	U											
SW8260C	NA	Toluene	108-88-3	ug/kg												4.9	U											
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg												4.9	U											
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg												4.9	U											
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg												4.9	U											
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg												4.9	U											
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg												4.9	U											
SW8260C	NA	Xylenes	1330-20-7	ug/kg												9.7	U											
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	24000	U	1100	U	570	U	540	U	110	U	1000	U	110	U	110	U	100	U	620	U	580	U	550	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U

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					Location ID	WSP-SB-04		WSP-SB-04		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-06		WSP-SB-06		WSP-SB-06	
					Sample ID	WSP-SB-04_4.0-6.0		WSP-SB-04_8.0-10.0		WSP-SB-05_0.0-0.5		WSP-SB-05_0.5-1.0		WSP-SB-05_1.0-2.0		WSP-SB-05_10.0-11.0		WSP-SB-05_12.0-13.0		WSP-SB-05_14.0-16.0		WSP-SB-05_4.0-6.0		WSP-SB-06_0.0-0.5		WSP-SB-06_0.5-1.0		WSP-SB-06_1.0-2.0	
						4 - 6 ft		8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		10 - 11 ft		12 - 13 ft		14 - 16 ft		4 - 6 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801778501		4801778501		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881	
					Lab Sample ID	480-177850-16		480-177850-1		480-177888-4		480-177888-5		480-177888-6		480-177888-8		480-177888-9		480-177888-10		480-177888-7		480-177888-11		480-177888-12		480-177888-13	
					Sample Date	11/3/2020		11/3/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	400000	U	19000	U	9500	U	9000	U	1700	U	17000	U	1800	U	1800	U	1700	U	10000	U	9600	U	9100	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	41000	U	1900	U	980	U	920	U	110	J	1800	U	190	U	180	U	47	J	1100	U	980	U	930	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	41000	U	1900	U	980	U	190	J	380		770	J	190	U	180	U	180		1100	U	980	U	460	J
SW8270D	NA	Acetophenone	98-86-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	41000	U	680	J	980	U	920	U	310		1600	J	190	U	180	U	170	J	1100	U	980	U	930	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	41000	U	2000		300	J	400	J	1100		4400		190	U	180	U	530		1100	U	980	U	550	J
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	41000	U	1700	J	380	J	530	J	1300		4600		190	U	39	J	630		300	J	180	J	860	J
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	41000	U	2100		430	J	790	J	1800		5000		190	U	34	J	760		420	J	250	J	1100	
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	41000	U	1100	J	330	J	490	J	890		3200		28	J	32	J	490		240	J	130	J	830	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	41000	U	920	J	170	J	920	U	690		2400		190	U	180	U	380		1100	U	980	U	370	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	41000	U	1900	U	980	U	920	U	28	J	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	41000	UJ	1900	UJ	980	UJ	920	UJ	180	UJ	1800	UJ	190	UJ	180	UJ	180	UJ	1100	UJ	980	UJ	930	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	41000	U	300	J	980	U	920	U	130	J	430	J	190	U	180	U	67	J	1100	U	980	U	930	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	41000	U	2000		310	J	450	J	1000		3700		190	U	180	U	480		1100	U	980	U	620	J
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	41000	U	400	J	980	U	920	U	230		850	J	190	U	180	U	110	J	1100	U	980	U	240	J
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	41000	U	1900	U	980	U	920	U	140	J	520	J	190	U	180	U	65	J	1100	U	980	U	930	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	41000	U	3900		690	J	860	J	2200		9400		26	J	61	J	1100		370	J	200	J	630	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	41000	U	1900	U	980	U	920	U	250		930	J	190	U	180	U	110	J	1100	U	980	U	930	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	41000	U	1900	U	980	U	920	UJ	180	UJ	1800	UJ	190	UJ	180	UJ	180	UJ	1100	U	980	U	930	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	41000	U	980	J	300	J	440	J	940		3000		190	U	29	J	460		220	J	140	J	740	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	41000	U	1900	U	980	U	720	J	130	J	1800	U	190	U	180	U	58	J	1100	U	980	U	930	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	80000	U	3800	U	1900	U	1800	U	350	U	3500	U	360	U	360	U	340	U	2000	U	1900	U	1800	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	41000	U	2600		330	J	490	J	1100		6100		190	U	29	J	590		180	J	980	U	140	J
SW8270D	NA	Phenol	108-95-2	ug/kg	41000	U	1900	U	980	U	920	U	180	U	1800	U	190	U	180	U	180	U	1100	U	980	U	930	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	41000	U	2900		480	J	680	J	1500		6600		190	U	52	J	780		370	J	160	J	530	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg											35	U										
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg											35	U										
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg											20	J										
SW8081B	NA	Aldrin	309-00-2	ug/kg											35	U										
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg											35	U										
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg											35	U										
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg											35	U										
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg											35	U										
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg											7.3	J										
SW8081B	NA	Dieldrin	60-57-1	ug/kg											35	U										
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg											35	U										
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg											35	U										
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg											35	U										
SW8081B	NA	Endrin	72-20-8	ug/kg											35	U										
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg											35	U										

PARSONS

				Location ID	WSP-SB-04		WSP-SB-04		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-05		WSP-SB-06		WSP-SB-06		WSP-SB-06	
				Sample ID	WSP-SB-04_4.0-6.0		WSP-SB-04_8.0-10.0		WSP-SB-05_0.0-0.5		WSP-SB-05_0.5-1.0		WSP-SB-05_1.0-2.0		WSP-SB-05_10.0-11.0		WSP-SB-05_12.0-13.0		WSP-SB-05_14.0-16.0		WSP-SB-05_4.0-6.0		WSP-SB-06_0.0-0.5		WSP-SB-06_0.5-1.0		WSP-SB-06_1.0-2.0	
					4 - 6 ft		8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		10 - 11 ft		12 - 13 ft		14 - 16 ft		4 - 6 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801778501		4801778501		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881		4801778881	
				Lab Sample ID	480-177850-16		480-177850-1		480-177888-4		480-177888-5		480-177888-6		480-177888-8		480-177888-9		480-177888-10		480-177888-7		480-177888-11		480-177888-12		480-177888-13	
				Sample Date	11/3/2020		11/3/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020		11/6/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg											35	U												
SW8081B	NA	Heptachlor	76-44-8	ug/kg											35	U												
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg											35	U												
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg											13	J												
SW8081B	NA	Methoxychlor	72-43-5	ug/kg											35	U												
SW8081B	NA	Toxaphene	8001-35-2	ug/kg											350	U												
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg											0.23	U												
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg											0.23	U												
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg											0.23	U												
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg											0.23	U												
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg											0.23	U												
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg											0.23	U												
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg											0.23	U												
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg											0.23	U												
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg											0.23	U												
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg											0.23	U												
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg											17	U												
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg											17	U												
SW8151A	NA	Dinoseb	88-85-7	ug/kg											17	U												
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg											17	U												
SW6010C	T	Aluminum	7429-90-5	mg/kg	7450		6760	J	12000		12200		12600		8010		15500		9210		9030		11800		12000		9320	
SW6010C	T	Antimony	7440-36-0	mg/kg	17.4	U	34.7	UJ	17.2	U	16.3	U	16.1	U	1.7	J	16.8	U	16	U	15.6	U	18.9	U	18	U	15.9	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	10		15.4	J	8.4		8.3		12.2		20.3		7.3		6.7		12.9		9.1		7.6		9.4	
SW6010C	T	Barium	7440-39-3	mg/kg	452		358		125		121		287		217		72.5		46.9		117		115		113		295	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.71		0.59		0.57		0.53		0.7		0.43		0.59		0.39		0.48		0.54		0.53		0.6	
SW6010C	T	Boron	7440-42-8	mg/kg	3.8		7.2		4.7		3.8		6.8		14.5		7.1		7.2		7.7		4.2		4.1		4.9	
SW6010C	T	Cadmium	7440-43-9	mg/kg	1.1		1.8		0.55		0.73		1.6		15.4		0.11	J	0.23		4		0.44		0.43		0.56	
SW6010C	T	Calcium	7440-70-2	mg/kg	3020		3670		2670		3920		7710		16600		1340		956		4040		2180		2270		8040	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg											2.1	U												
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg											11.9													
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	23.9		24	J	14.7		15.5		16.9		11.9		16.2		9.7		12.9		14.9		14.3		16.8	
SW6010C	T	Cobalt	7440-48-4	mg/kg	9.4		12.2	J	9.2		9.4		9.4		6.1		9.8		6.5		7.4		9.5		8.9		8	
SW6010C	T	Copper	7440-50-8	mg/kg	77		230		25.2		24.9		35.9		34.2		13.7		20		23.2		23.4		23.3		47.7	
SW6010C	T	Iron	7439-89-6	mg/kg	15600		82500		20500		23300		22600		12500		22100		16400		17700		21100		20700		16900	
SW6010C	T	Lead	7439-92-1	mg/kg	479		867		104		93.5		345		3070		28.9		100		1350		109		102		421	
SW6010C	T	Magnesium	7439-95-4	mg/kg	549		937		2900		3310		3000		1930		3140		2130		2290		2800		2910		2350	
SW6010C	T	Manganese	7439-96-5	mg/kg	203		935		526		444		426		292		440		645		327		505		459		414	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.26		4.9		0.17		0.21		0.31		0.22		0.035		0.017	J	0.28		0.099		0.099		0.14	
SW6010C	T	Nickel	7440-02-0	mg/kg	20.4		28.4	J	21.3		22.7		22		13.3		21		15.2		16.5		20.5		20.7		17.8	
SW6010C	T	Potassium	7440-09-7	mg/kg	916		995	J	1580		1270		1570		1280		1740		1410		1280		1750		1580		1420	
SW6010C	T	Selenium	7782-49-2	mg/kg	4.6	U	2.1	J	0.68	J	0.54	J	4.3	U	1.7	J	4.5	U	4.3	U	0.67	J	0.7	J	0.54	J	4.2	U
SW6010C	T	Silver	7440-22-4	mg/kg	0.94		0.44	J	0.69	U	0.65	U	0.64	U	0.64	U	0.67	U	0.64	U	0.62	U	0.76	U	0.72	U	0.33	J
SW6010C	T	Sodium	7440-23-5	mg/kg	223		171		53	J	46.8	J	100	J	228		67.9	J	68.5	J	132	J	42.9	J	43.7	J	90.5	J
SW6010C	T	Thallium	7440-28-0	mg/kg	7	U	6.9	U	6.9	U	6.5	U	6.4	U	6.4	U	6.7	U	6.4	U	6.2	U	7.6	U	7.2	U	6.4	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	25.1		31.9		18.2		18.5		20.2		16.4		21.7		14.5		15.3		18.2		18.2		17.5	
SW6010C	T	Zinc	7440-66-6	mg/kg	378		1300		101		109		172		252		53.8		61.7		140		97		93.2		277	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.02		0.015	U	0.0087	J	0.0077	J	0.0057	J	0.0065	J	0.015	U	0.015	U	0.015	U	0.0068	J	0.015	U	0.0079	J
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.68	J	0.96	J	0.55	J	0.73	J	1		0.82	J	0.16	J	0.22	J	1.2		0.42	J	0.5	J	1.5	
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.006		0.032		0.002		0.0043		0.021		0.37		0.00055	J	0.0026		0.065		0.0012	J	0.0014	J	0.0032	
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.29		2.9		0.044		0.033		0.38		47.8		0.0091	J	0.051		5.7		0.031		0.02		0.19	
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg											0.99	U												
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																								
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg											353													

					Location ID	WSP-SB-06		WSP-SB-06		WSP-SB-06		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-08		WSP-SB-08		WSP-SB-08		WSP-SB-08	
					Sample ID	WSP-SB-06_2.0-3.5		WSP-SB-06_4.0-5.0		WSP-SB-06_9.0-10.0		WSP-SB-07_0.0-0.5		WSP-SB-07_0.5-1.0		WSP-SB-07_1.0-2.0		WSP-SB-07_2.0-6.0		WSP-SB-07_8.0-11.0		WSP-SB-08_0.0-0.5		WSP-SB-08_0.5-1.0		WSP-SB-08_2.0-3.0		WSP-SB-08_2.0-3.0 DUP	
						2 - 3.5 ft		4 - 5 ft		9 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 6 ft		8 - 11 ft		0 - 0.5 ft		0.5 - 1 ft		2 - 3 ft		2 - 3 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801778881		4801778881		4801778881		4801780771		4801780771		4801780771		4801780771		4801780771		4801777321		4801777321		4801777321		4801777321	
					Lab Sample ID	480-177888-14		480-177888-15		480-177888-16		480-178077-8		480-178077-9		480-178077-13		480-178077-10		480-178077-11		480-177732-7		480-177732-8		480-177732-10		480-177732-11	
					Sample Date	11/6/2020		11/6/2020		11/6/2020		11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		FD	
Method	Fraction	Chemical Name	CAS RN	Unit																									
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg	2.1	U											2	U							2.2	U	2.1	U
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg	2.1	U											2	U							2.2	U	2.1	U
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	0.53	U											0.5	U							0.54	U	0.52	U
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg	0.21	U											0.2	U							0.22	U	0.21	U
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg	2.1	U											2	U							2.2	U	2.1	U
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg	2.1	U											2	U							2.2	U	2.1	U
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	2-Hexanone	591-78-6	ug/kg	22	U											19	U							29	U	32	U
SW8260C	NA	Acetone	67-64-1	ug/kg	22	U											19	U							29	U	32	U
SW8260C	NA	Benzene	71-43-2	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Bromoform	75-25-2	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Bromomethane	74-83-9	ug/kg	4.4	UJ											3.8	U							5.8	UJ	6.4	UJ
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Chloroethane	75-00-3	ug/kg	4.4	UJ											3.8	U							5.8	UJ	6.4	UJ
SW8260C	NA	Chloroform	67-66-3	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Chloromethane	74-87-3	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Cyclohexane	110-82-7	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg	22	U											19	U							29	U	32	U
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg	22	U											19	U							29	U	32	U
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg	22	U											19	U							29	U	32	U
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Styrene	100-42-5	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Toluene	108-88-3	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg	4.4	UJ											3.8	U							5.8	U	6.4	U
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg	4.4	U											3.8	U							5.8	U	6.4	U
SW8260C	NA	Xylenes	1330-20-7	ug/kg	8.9	UJ											7.5	U							12	U	13	U
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	110	U	120	U	110	U	610	U	110	U	100	U	530	U	140	U	670	U	580	U	110	U	110	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U

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					Location ID	WSP-SB-06		WSP-SB-06		WSP-SB-06		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-08		WSP-SB-08		WSP-SB-08		WSP-SB-08	
					Sample ID	WSP-SB-06_2.0-3.5		WSP-SB-06_4.0-5.0		WSP-SB-06_9.0-10.0		WSP-SB-07_0.0-0.5		WSP-SB-07_0.5-1.0		WSP-SB-07_1.0-2.0		WSP-SB-07_2.0-6.0		WSP-SB-07_8.0-11.0		WSP-SB-08_0.0-0.5		WSP-SB-08_0.5-1.0		WSP-SB-08_2.0-3.0		WSP-SB-08_2.0-3.0 DUP	
						2 - 3.5 ft		4 - 5 ft		9 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 6 ft		8 - 11 ft		0 - 0.5 ft		0.5 - 1 ft		2 - 3 ft		2 - 3 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801778881		4801778881		4801778881		4801780771		4801780771		4801780771		4801780771		4801780771		4801777321		4801777321		4801777321		4801777321	
					Lab Sample ID	480-177888-14		480-177888-15		480-177888-16		480-178077-8		480-178077-9		480-178077-13		480-178077-10		480-178077-11		480-177732-7		480-177732-8		480-177732-10		480-177732-11	
					Sample Date	11/6/2020		11/6/2020		11/6/2020		11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		FD	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	1800	U	1900	U	1900	U	10000	U	1700	U	1700	U	8700	U	2300	U	11000	U	9700	U	1800	U	1800	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	61	J	76	J
SW8270D	NA	Acetophenone	98-86-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	52	J	190	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	180	U	200	U	190	U	280	J	180	U	180	U	890	U	34	J	290	J	390	J	210		210	
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	180	U	200	U	190	U	440	J	31	J	180	U	130	J	62	J	280	J	430	J	270		260	
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	180	U	200	U	190	U	560	J	37	J	180	U	160	J	62	J	300	J	630	J	380		330	
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	180	U	200	U	190	U	280	J	20	J	180	U	890	U	48	J	230	J	380	J	290		250	
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	180	U	200	U	190	U	280	J	180	U	180	U	890	U	240	U	190	J	990	U	140	J	120	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	180	UJ	200	UJ	190	UJ	1000	U	180	U	180	U	890	U	240	U	1100	UJ	990	UJ	190	UJ	190	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	31	J	190	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	180	U	200	U	190	U	340	J	180	U	180	U	890	U	240	U	290	J	390	J	290		240	
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	80	J	74	J
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	35	J
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	24	J	26	J	190	U	850	J	46	J	180	U	200	J	66	J	540	J	590	J	500		380	
SW8270D	NA	Fluorene	86-73-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	180	U	200	U	190	U	250	J	180	U	180	U	890	U	39	J	220	J	350	J	240		210	
SW8270D	NA	Isophorone	78-59-1	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	360	U	380	U	370	U	2000	U	350	U	340	U	1700	U	470	U	2200	U	1900	U	370	U	370	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	180	U	200	U	190	U	270	J	180	U	180	U	890	U	38	J	300	J	260	J	300		160	J
SW8270D	NA	Phenol	108-95-2	ug/kg	180	U	200	U	190	U	1000	U	180	U	180	U	890	U	240	U	1100	U	990	U	190	U	190	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	180	U	200	U	190	U	610	J	27	J	180	U	110	J	67	J	420	J	510	J	380		270	
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg	0.55	J											2.5	J							4.5	J	19	U
SW8081B	NA	Aldrin	309-00-2	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg	0.77	J											8.9	U							18	U	19	U
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg	0.47	J											8.9	U							18	U	19	U
SW8081B	NA	Dieldrin	60-57-1	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Endrin	72-20-8	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg	1.8	U											8.9	U							18	U	19	U

PARSONS

					Location ID	WSP-SB-06		WSP-SB-06		WSP-SB-06		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-07		WSP-SB-08		WSP-SB-08		WSP-SB-08		WSP-SB-08	
					Sample ID	WSP-SB-06_2.0-3.5		WSP-SB-06_4.0-5.0		WSP-SB-06_9.0-10.0		WSP-SB-07_0.0-0.5		WSP-SB-07_0.5-1.0		WSP-SB-07_1.0-2.0		WSP-SB-07_2.0-6.0		WSP-SB-07_8.0-11.0		WSP-SB-08_0.0-0.5		WSP-SB-08_0.5-1.0		WSP-SB-08_2.0-3.0		WSP-SB-08_2.0-3.0 DUP	
						2 - 3.5 ft		4 - 5 ft		9 - 10 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 6 ft		8 - 11 ft		0 - 0.5 ft		0.5 - 1 ft		2 - 3 ft		2 - 3 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801778881		4801778881		4801778881		4801780771		4801780771		4801780771		4801780771		4801780771		4801777321		4801777321		4801777321		4801777321	
					Lab Sample ID	480-177888-14		480-177888-15		480-177888-16		480-178077-8		480-178077-9		480-178077-13		480-178077-10		480-178077-11		480-177732-7		480-177732-8		480-177732-10		480-177732-11	
					Sample Date	11/6/2020		11/6/2020		11/6/2020		11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		FD	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Heptachlor	76-44-8	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg	0.37	J											8.9	U							18	U	19	U
SW8081B	NA	Methoxychlor	72-43-5	ug/kg	1.8	U											8.9	U							18	U	19	U
SW8081B	NA	Toxaphene	8001-35-2	ug/kg	18	U											89	U							180	U	190	U
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg	0.27	U											0.24	U							0.22	U	0.26	U
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg	18	U											18	U							19	U	19	U
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg	18	U											18	U							19	U	19	U
SW8151A	NA	Dinoseb	88-85-7	ug/kg	18	UJ											18	U							19	U	19	U
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg	18	UJ											18	U							19	U	19	U
SW6010C	T	Aluminum	7429-90-5	mg/kg	10600	J	12400		17200		11300		12700		14100		13900		17000	J	14800		12700		10200		11100	
SW6010C	T	Antimony	7440-36-0	mg/kg	15.9	UJ	17.4	U	16.3	U	18.9	U	16.3	U	16.5	U	16.1	U	21	UJ	0.8	J	2.4	J	33.4	U	16.5	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	5.9		5		7.9		9.2		8.3		8.2		8.3		9.5		11.7		14.8		29.9		16.8	
SW6010C	T	Barium	7440-39-3	mg/kg	106	J	85.9		64.5		112		143		165		141		163	J	284		303		575		535	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.52		0.51		0.74		0.57		0.51		0.58		0.56		0.79		0.74		0.77		0.77		0.83	
SW6010C	T	Boron	7440-42-8	mg/kg	3.5		3.5		4.3		6		3.8		3.5		3.4		5.6		5.2		5.7		9.8		7.3	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.15	J	0.094	J	0.11	J	0.11	J	0.22	U	0.44	U	0.099	J	0.11	J	1		1.6		2.1	J	4.5	J
SW6010C	T	Calcium	7440-70-2	mg/kg	2760	J	1380		932		5710		4400		1030		1710		2460	J	2520		3720		11300		16600	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg	2.2	U											2.1	U							2.2	U	2.3	U
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg	13.4												17.1								41.4		30.5	
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	13.4	J	13.3		17.5		14.3		15.3		15.6		17.1		20.8	J	24.3		29.6		41.4		30.5	
SW6010C	T	Cobalt	7440-48-4	mg/kg	8.5		8.5		11.6		9.3		11.3		11.8		12.2		10.7		10.5		10.7		10.5		10.5	
SW6010C	T	Copper	7440-50-8	mg/kg	23	J	10.1		19.5		22.5		29.8		24.9		43.4		29.5		40.7		86.8		93.8		103	
SW6010C	T	Iron	7439-89-6	mg/kg	15900	J	17400		25500		20600		26500		26600		29300		25200	J	22500		28000		89800	J	35900	J
SW6010C	T	Lead	7439-92-1	mg/kg	490		23.7		13.1		53.2		20.6		17.6		18.3		43.9		623		551		773		1070	
SW6010C	T	Magnesium	7439-95-4	mg/kg	2210		2560		3350		4420		4250		3420		4140		3850	J	2820		2430		2020		2660	
SW6010C	T	Manganese	7439-96-5	mg/kg	503	J	434		627		519		472		426		456		225	J	604		442		620		528	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.33	J	0.064		0.016	J	0.056		0.021		0.017	J	0.012	J	0.068		0.16		0.48		1.2	J	0.49	J
SW6010C	T	Nickel	7440-02-0	mg/kg	17.2		17.6		25.9		20.8		26.2		25.1		28.1		28.5		26		27.7		25.4		26.6	
SW6010C	T	Potassium	7440-09-7	mg/kg	1380	J	1650		1680		1850		1540		1530		1530		1890	J	1870		1500		1260		1360	
SW6010C	T	Selenium	7782-49-2	mg/kg	4.3	U	4.6	U	0.58	J	2.3	J	2.5	J	2.4	J	2.7	J	2.8	J	0.65	J	0.97	J	2.1	J	0.87	J
SW6010C	T	Silver	7440-22-4	mg/kg	0.64	U	0.7	U	0.65	U	0.76	U	0.22	J	0.3	J	0.28	J	0.42	J	0.31	J	0.31	J	0.33	J	0.46	J
SW6010C	T	Sodium	7440-23-5	mg/kg	58.9	J	40	J	42.6	J	56.1	J	53.1	J	41.3	J	51	J	68.7	J	67.4	J	137	J	202		262	
SW6010C	T	Thallium	7440-28-0	mg/kg	6.4	U	7	U	6.5	U	7.6	U	6.5	U	6.6	U	6.4	U	8.4	U	7.8	U	7.1	U	6.7	U	6.6	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	17		17.2		24.8		18.7		19.3		20.2		20		25	J	24.5		26.5		28.7		27.4	
SW6010C	T	Zinc	7440-66-6	mg/kg	76.8	J	49.8		64.1		84		81.4		75.6		79.7		135	J	252		440		1000		774	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.02		0.015	U	0.0059	J	0.015	U	0.015	U	0.015	U	0.015	U	0.0056	J	0.015	U	0.011	J	0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.56	J	0.28	J	0.2	J	0.81	J	1.1		0.81	J	0.85	J	0.58	J	1		1.9		1.1		1.1	
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.00064	J	0.002	U	0.002	U	0.0021		0.00077	J	0.002	U	0.0019	J	0.0018	J	0.0036		0.011		0.039		0.03	
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.01	J	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.081		0.0044	J	0.003	J	0.0092	J	0.0032	J	0.02	U	0.0032	J	0.023		0.25		0.28		0.59		0.41	
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg	1.1	U											0.91	U							1.1	U	1.1	U
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																								
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg	195	J											292								78.6	J	59.6	J

PARSONS

				Location ID	WSP-SB-08		WSP-SB-08A		WSP-SB-08A		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-10		WSP-SB-10		WSP-SB-10	
				Sample ID	WSP-SB-08_9.0-10.0		WSP-SB-08A_1.0-2.0		WSP-SB-08A_3.0-5.0		WSP-SB-09_0.0-0.5		WSP-SB-09_0.5-1.0		WSP-SB-09_1.0-2.0		WSP-SB-09_10.0-12.0		WSP-SB-09_12.0-14.0		WSP-SB-09_2.0-4.0		WSP-SB-10_0.0-0.5		WSP-SB-10_0.5-1.0		WSP-SB-10_1.0-2.0	
					9 - 10 ft		1 - 2 ft		3 - 5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		10 - 12 ft		12 - 14 ft		2 - 4 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801777321		4801782161		4801782161		4801778501		4801778501		4801778501		4801778501		4801778501		4801778501		4801780771		4801780771		4801780771	
				Lab Sample ID	480-177732-13		480-178216-1		480-178216-2		480-177850-7		480-177850-8		480-177850-9		480-177850-11		480-177850-12		480-177850-10		480-178077-1		480-178077-2		480-178077-3	
				Sample Date	11/5/2020		11/13/2020		11/13/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/4/2020		11/4/2020		11/4/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg											2	U												
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg											2	U												
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg											0.2	U												
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg											0.2													
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg											0.2	U												
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg											0.2	U												
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg											0.2	U												
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg											0.2	U												
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg											0.2	U												
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg											0.2	U												
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg											0.2	U												
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg											0.2	U												
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg											0.2	U												
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg											0.5	U												
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg											0.2	U												
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg											0.2	U												
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg											0.2	U												
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg											0.2	U												
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg											0.2	U												
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg											2	U												
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg											2	U												
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg											7.6	U												
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg											7.6	U												
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg											7.6	U												
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg											7.6	U												
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg											7.6	U												
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg											7.6	UJ												
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg											7.6	U												
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg											7.6	U												
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg											7.6	UJ												
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg											7.6	U												
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg											7.6	U												
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg											7.6	U												
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg											7.6	U												
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg											7.6	U												
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg											7.6	U												
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg											7.6	U												
SW8260C	NA	2-Hexanone	591-78-6	ug/kg											38	U												
SW8260C	NA	Acetone	67-64-1	ug/kg											38	U												
SW8260C	NA	Benzene	71-43-2	ug/kg											7.6	U												
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg											7.6	U												
SW8260C	NA	Bromoform	75-25-2	ug/kg											7.6	U												
SW8260C	NA	Bromomethane	74-83-9	ug/kg											7.6	UJ												
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg											7.6	U												
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg											7.6	U												
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg											7.6	U												
SW8260C	NA	Chloroethane	75-00-3	ug/kg											7.6	U												
SW8260C	NA	Chloroform	67-66-3	ug/kg											7.6	U												
SW8260C	NA	Chloromethane	74-87-3	ug/kg											7.6	U												
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg											7.6	U												
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg											7.6	U												
SW8260C	NA	Cyclohexane	110-82-7	ug/kg											7.6	U												
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg											7.6	U												
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg											7.6	U												
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg											7.6	U												
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg											7.6	U												
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg											38	U												
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg											38	U												
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg											38	U												
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg											7.6	U												
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg											7.6	U												
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg											7.6	U												
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg											7.6	U												
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg											7.6	UJ												
SW8260C	NA	Styrene	100-42-5	ug/kg											7.6	U												
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg											7.6	U												
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg											7.6	U												
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg											7.6	U												
SW8260C	NA	Toluene	108-88-3	ug/kg											7.6	U												
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg											7.6	U												
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg											7.6	U												
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg											7.6	U												
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg											7.6	U												
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg											7.6	U												
SW8260C	NA	Xylenes	1330-20-7	ug/kg											15	U												
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	120	U	570	U	120	U	590	U	1100	U	110	U	2100	U	1100	U	110	U	1200	U	1100	U	520	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U

PARSONS

					Location ID	WSP-SB-08		WSP-SB-08A		WSP-SB-08A		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-10		WSP-SB-10		WSP-SB-10	
					Sample ID	WSP-SB-08_9.0-10.0		WSP-SB-08A_1.0-2.0		WSP-SB-08A_3.0-5.0		WSP-SB-09_0.0-0.5		WSP-SB-09_0.5-1.0		WSP-SB-09_1.0-2.0		WSP-SB-09_10.0-12.0		WSP-SB-09_12.0-14.0		WSP-SB-09_2.0-4.0		WSP-SB-10_0.0-0.5		WSP-SB-10_0.5-1.0		WSP-SB-10_1.0-2.0	
						9 - 10 ft		1 - 2 ft		3 - 5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		10 - 12 ft		12 - 14 ft		2 - 4 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801777321		4801782161		4801782161		4801778501		4801778501		4801778501		4801778501		4801778501		4801778501		4801780771		4801780771		4801780771	
					Lab Sample ID	480-177732-13		480-178216-1		480-178216-2		480-177850-7		480-177850-8		480-177850-9		480-177850-11		480-177850-12		480-177850-10		480-178077-1		480-178077-2		480-178077-3	
					Sample Date	11/5/2020		11/13/2020		11/13/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/4/2020		11/4/2020		11/4/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	2000	U	9500	U	1900	U	9800	U	19000	U	1800	U	34000	U	17000	U	1800	U	20000	U	18000	U	8600	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	200	U	980	U	200	U	1000	U	670	J	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	200	U	130	J	200	U	1000	U	1900	U	180	U	3500	U	1800	U	83	J	2100	U	590	J	130	J
SW8270D	NA	Acetophenone	98-86-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	200	U	980	U	200	U	1000	U	2300		180	U	3500	U	1800	U	52	J	2100	U	510	J	880	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	200	U	350	J	200	U	220	J	12000		46	J	3500	U	290	J	370		380	J	2200		620	J
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	200	U	510	J	200	U	290	J	12000		44	J	580	J	350	J	410		540	J	2000		720	J
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	200	U	720	J	200	U	340	J	14000		86	J	880	J	590	J	520		670	J	3600		890	J
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	200	U	390	J	200	U	240	J	6700		38	J	610	J	390	J	280		380	J	1400	J	500	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	200	U	250	J	200	U	160	J	5500		180	U	3500	U	1800	U	170	J	350	J	1800	J	450	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	200	UJ	980	U	200	U	1000	UJ	1900	UJ	180	UJ	3500	UJ	1800	UJ	180	UJ	2100	U	1900	U	880	U
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	200	U	980	U	200	U	1000	U	2200		180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	200	U	430	J	200	U	250	J	12000		62	J	3500	U	410	J	380		2100	U	2200		620	J
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	200	U	980	U	200	U	1000	U	2300		180	U	3500	U	1800	U	96	J	2100	U	490	J	180	J
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	200	U	280	J	200	U	1000	U	1900	U	180	U	3500	U	1800	U	36	J	2100	U	1900	U	880	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	200	U	590	J	200	U	330	J	22000		64	J	900	J	400	J	570		720	J	3400		990	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	200	U	980	U	200	U	1000	U	480	J	180	U	3500	U	1800	U	180	U	2100	U	340	J	880	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	200	U	980	UJ	200	UJ	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	200	U	340	J	200	U	230	J	6200		41	J	490	J	310	J	250		350	J	1400	J	470	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	200	U	980	U	200	U	1000	U	870	J	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	400	U	1900	U	380	U	2000	U	3700	U	360	U	6800	U	3500	U	350	U	4000	U	3600	U	1700	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	200	U	210	J	200	U	150	J	11000		41	J	560	J	260	J	170	J	2100	U	1400	J	250	J
SW8270D	NA	Phenol	108-95-2	ug/kg	200	U	980	U	200	U	1000	U	1900	U	180	U	3500	U	1800	U	180	U	2100	U	1900	U	880	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	200	U	530	J	200	U	290	J	18000		48	J	740	J	360	J	500		480	J	2600		790	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg											1.8	U										
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg											1.8	U										
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg											1.8	U										
SW8081B	NA	Aldrin	309-00-2	ug/kg											1.8	U										
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg											1.8	U										
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg											1.8	U										
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg											1.8	U										
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg											1.8	U										
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg											1.8	U										
SW8081B	NA	Dieldrin	60-57-1	ug/kg											1.8	U										
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg											1.8	U										
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg											1.8	U										
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg											1.8	U										
SW8081B	NA	Endrin	72-20-8	ug/kg											1.8	U										
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg											1.8	U										

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				Location ID	WSP-SB-08		WSP-SB-08A		WSP-SB-08A		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-09		WSP-SB-10		WSP-SB-10		WSP-SB-10	
				Sample ID	WSP-SB-08_9.0-10.0		WSP-SB-08A_1.0-2.0		WSP-SB-08A_3.0-5.0		WSP-SB-09_0.0-0.5		WSP-SB-09_0.5-1.0		WSP-SB-09_1.0-2.0		WSP-SB-09_10.0-12.0		WSP-SB-09_12.0-14.0		WSP-SB-09_2.0-4.0		WSP-SB-10_0.0-0.5		WSP-SB-10_0.5-1.0		WSP-SB-10_1.0-2.0	
					9 - 10 ft		1 - 2 ft		3 - 5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		10 - 12 ft		12 - 14 ft		2 - 4 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801777321		4801782161		4801782161		4801778501		4801778501		4801778501		4801778501		4801778501		4801778501		4801780771		4801780771		4801780771	
				Lab Sample ID	480-177732-13		480-178216-1		480-178216-2		480-177850-7		480-177850-8		480-177850-9		480-177850-11		480-177850-12		480-177850-10		480-178077-1		480-178077-2		480-178077-3	
				Sample Date	11/5/2020		11/13/2020		11/13/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/3/2020		11/4/2020		11/4/2020		11/4/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg											0.91	J												
SW8081B	NA	Heptachlor	76-44-8	ug/kg											1.8	U												
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg											1.8	U												
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg											1.8	UJ												
SW8081B	NA	Methoxychlor	72-43-5	ug/kg											4.1	J												
SW8081B	NA	Toxaphene	8001-35-2	ug/kg											18	U												
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg											0.26	U												
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg											0.26	U												
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg											0.26	U												
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg											0.26	U												
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg											0.26	U												
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg											0.26	U												
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg											0.26	U												
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg											0.26	U												
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg											0.26	U												
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg											0.26	U												
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg											18	U												
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg											18	U												
SW8151A	NA	Dinoseb	88-85-7	ug/kg											18	U												
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg											18	U												
SW6010C	T	Aluminum	7429-90-5	mg/kg	16100		9910		16300		11900		10000		12000		14500		7840		10800		6470		9860		7680	
SW6010C	T	Antimony	7440-36-0	mg/kg	17.8	U	18	U	18.4	U	17.5	U	16.3	U	17.1	U	16.1	U	8.3	J	15.5	U	18.2	U	2.2	J	0.68	J
SW6010C	T	Arsenic	7440-38-2	mg/kg	5.5		19.9		5.4		11		10.1		21.6		13.2		139		39.4		13.7		19.8		17.8	
SW6010C	T	Barium	7440-39-3	mg/kg	151		437	J+	209	J+	168		128		284		129		276		202		120		209		261	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.74		1		0.66		0.73		0.56		0.81		0.55		0.35		0.81		0.46		0.62		0.95	
SW6010C	T	Boron	7440-42-8	mg/kg	3.5		9.3		4.7		5		3.8		4.4		6.6		8.5		4.8		8.6		10.8		6.5	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.14	J	2.5		0.15	J	1.3		0.64		0.83		4		197		1.8		9.3		18.2		3.5	
SW6010C	T	Calcium	7440-70-2	mg/kg	2080		6750		2270		2760		1630		2210		1370		7350		2820		8480		3550		11000	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg											2.2	U												
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg											16.8													
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	17.7		27		18		15.9		13		16.8		15.5		14.2		20.7		14.3		18.7		19.2	
SW6010C	T	Cobalt	7440-48-4	mg/kg	10.4		11		10.4		9.2		8		9.8		8.8		5.6		12.1		6.7		7.1		7.9	
SW6010C	T	Copper	7440-50-8	mg/kg	16.6		172		14.2		36.8		24.5		41.4		11.5		33.4		82.9		78.3		79.5		73.3	
SW6010C	T	Iron	7439-89-6	mg/kg	20000		49300	J+	20800	J+	17900		15400		13200		17800		15100		30500		33300		26500		17400	
SW6010C	T	Lead	7439-92-1	mg/kg	13.3		675		14		189		133		146		13.8		8870		365		432		1020		674	
SW6010C	T	Magnesium	7439-95-4	mg/kg	3080		1530	J+	3230	J+	2110		1900		1280		2750		1370		1430		3550		1630		1150	
SW6010C	T	Manganese	7439-96-5	mg/kg	550		561		765		409		354		339		208		323		323		291		343		254	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.02	J	0.66		0.049		0.13		0.18		0.11		0.04		0.18		0.14		0.19		0.66		1	
SW6010C	T	Nickel	7440-02-0	mg/kg	25.1		30.6		25.9		21.7		17.6		23.1		22.2		13		29.1		19.7		20.9		21	
SW6010C	T	Potassium	7440-09-7	mg/kg	1410		1320		1650		1490		1190		1200		1630		1250		1200		1130		1470		1050	
SW6010C	T	Selenium	7782-49-2	mg/kg	4.8	U	2.1	J	0.94	J	0.47	J	4.3	U	1.5	J	4.3	U	3.8	J	1	J	4.5	J	5.3		3.7	J
SW6010C	T	Silver	7440-22-4	mg/kg	0.71	U	0.61	J	0.74	U	0.37	J	0.25	J	1.2		0.22	J	0.5	J	0.34	J	0.57	J	0.67		0.73	
SW6010C	T	Sodium	7440-23-5	mg/kg	45.6	J	375		77	J	91.7	J	57.4	J	151	J	67.3	J	272		221		129	J	197		260	
SW6010C	T	Thallium	7440-28-0	mg/kg	7.1	U	7.2	U	7.4	U	7	U	6.5	U	0.65	J	6.5	U	0.46	J	0.62	J	7.3	U	6.7	U	6.4	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	21.1		27.5		22.6		22.1		19		28.3		19.6		14.5		30.5		17.8		21.5		26.5	
SW6010C	T	Zinc	7440-66-6	mg/kg	65.8		719		71.4		171		127		199		117		919		484		410		607		631	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.0088	J	0.011	J	0.029		0.014	J	0.048		0.037		0.011	J	0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.34	J	2.1		0.36	J	0.47	J	0.44	J	0.49	J	0.84	J	0.68	J	0.5	J	0.86	J	1.6		0.8	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.002	U	0.018		0.002	U	0.0029		0.0026		0.002		0.63		5		0.0032		0.041		0.23		0.092	
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.012	J	0.012	J	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.02	U	1.2		0.02	U	0.051		0.061		0.01	J	9.4		131		0.073		0.28		2.3		0.74	
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg											1.1	U												
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																								
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg											58.7	J												

				Location ID	WSP-SB-10		WSP-SB-10		WSP-SB-10		WSP-SB-10		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-14		WSP-SB-14	
				Sample ID	WSP-SB-10_1.0-2.0 DUP		WSP-SB-10_10.0-12.0		WSP-SB-10_12.0-14.0		WSP-SB-10_6.0-8.0		WSP-SB-13_0.0-0.5		WSP-SB-13_0.5-1.0		WSP-SB-13_1.0-2.0		WSP-SB-13_2.0-4.0		WSP-SB-13_5.0-6.0		WSP-SB-13_8.0-10.0		WSP-SB-14_0.0-0.5		WSP-SB-14_0.5-1.0	
					1 - 2 ft		10 - 12 ft		12 - 14 ft		6 - 8 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 4 ft		2 - 6 ft		8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801780771		4801780771		4801780771		4801780771		4801782161		4801782161		4801782161		4801782161		4801782161		4801782161		4801780051		4801780051	
				Lab Sample ID	480-178077-4		480-178077-6		480-178077-7		480-178077-5		480-178216-10		480-178216-11		480-178216-12		480-178216-13		480-178216-14		480-178216-15		480-178005-7		480-178005-8	
				Sample Date	11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/10/2020		11/10/2020	
				Sample Type Code	FD		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg			2.2	U									2	U										
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg			2.2	U									2	U										
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg			0.049	J									0.2	U										
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg			1.2										0.23	J										
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg			0.1	J									0.2	U										
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg			0.22	U									0.2	U										
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg			2.2	U									2	U										
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg			2.2	U									2	U										
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg			5.8	U									4.6	U										
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg			5.8	U									4.6	U										
SW8260C	NA	2-Hexanone	591-78-6	ug/kg			29	U									23	U										
SW8260C	NA	Acetone	67-64-1	ug/kg			11	J									23	U										
SW8260C	NA	Benzene	71-43-2	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Bromoform	75-25-2	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Bromomethane	74-83-9	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Chloroethane	75-00-3	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Chloroform	67-66-3	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Chloromethane	74-87-3	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Cyclohexane	110-82-7	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg			29	U									23	U										
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg			29	U									23	U										
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg			29	U									23	U										
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg			19										4.6	U										
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg			5.8	U									4.6	U										
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Styrene	100-42-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Toluene	108-88-3	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg			5.8	U									4.6	U										
SW8260C	NA	Xylenes	1330-20-7	ug/kg			12	U									9.3	U										
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	530	U	1100	U	140	U	1100	U	630	U	120	U	110	U	120	U	120	U	120	U	120	U	110	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U

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					Location ID	WSP-SB-10		WSP-SB-10		WSP-SB-10		WSP-SB-10		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-14		WSP-SB-14	
					Sample ID	WSP-SB-10_1.0-2.0 DUP		WSP-SB-10_10.0-12.0		WSP-SB-10_12.0-14.0		WSP-SB-10_6.0-8.0		WSP-SB-13_0.0-0.5		WSP-SB-13_0.5-1.0		WSP-SB-13_1.0-2.0		WSP-SB-13_2.0-4.0		WSP-SB-13_5.0-6.0		WSP-SB-13_8.0-10.0		WSP-SB-14_0.0-0.5		WSP-SB-14_0.5-1.0	
						1 - 2 ft		10 - 12 ft		12 - 14 ft		6 - 8 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 4 ft		2 - 6 ft		8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801780771		4801780771		4801780771		4801780771		4801782161		4801782161		4801782161		4801782161		4801782161		4801782161		4801780051		4801780051	
					Lab Sample ID	480-178077-4		480-178077-6		480-178077-7		480-178077-5		480-178216-10		480-178216-11		480-178216-12		480-178216-13		480-178216-14		480-178216-15		480-178005-7		480-178005-8	
					Sample Date	11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/10/2020		11/10/2020	
					Sample Type Code	FD		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	8700	U	19000	U	2200	U	18000	U	10000	U	2000	U	1700	U	1900	U	2000	U	1900	U	2000	U	1900	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	210	J	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	290	J	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	UJ	190	UJ
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	1300	J	430	J	96	J	400	J	1100	U	35	J	25	J	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	1600	J	700	J	70	J	390	J	1100	U	65	J	31	J	200	U	200	U	200	U	32	J	190	U
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	1800	J	1800	J	59	J	480	J	1100	U	86	J	33	J	200	U	200	U	200	U	45	J	190	U
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	1000	J	890	J	230	U	250	J	1100	U	59	J	24	J	200	U	200	U	200	U	39	J	190	U
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	970	J	350	J	230	U	1800	U	1100	U	28	J	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	UJ	190	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	1300	J	1500	J	74	J	450	J	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	320	J	450	J	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	2200	J	580	J	120	J	750	J	1100	U	67	J	40	J	21	J	200	U	200	U	54	J	190	U
SW8270D	NA	Fluorene	86-73-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	UJ	190	UJ
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	890	U	1900	U	230	U	1800	U	1100	UJ	200	UJ	180	UJ	200	UJ	200	UJ	200	UJ	200	U	190	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	990	J	660	J	230	U	1800	U	1100	U	50	J	180	U	200	U	200	U	200	U	31	J	190	U
SW8270D	NA	Isophorone	78-59-1	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	1700	U	3800	U	450	U	3600	U	2100	U	390	U	350	U	390	U	390	U	380	U	390	U	370	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	900	J	490	J	44	J	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Phenol	108-95-2	ug/kg	890	U	1900	U	230	U	1800	U	1100	U	200	U	180	U	200	U	200	U	200	U	200	U	190	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	1800	J	420	J	97	J	510	J	1100	U	58	J	34	J	200	U	200	U	200	U	42	J	190	U
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg			19	U									0.41	J										
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg			19	U									0.48	J										
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg			19	U									0.73	J										
SW8081B	NA	Aldrin	309-00-2	ug/kg			19	U									1.8	U										
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg			19	U									1.8	U										
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg			19	U									1.8	U										
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg			19	U									1.8	U										
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg			19	U									1.8	U										
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg			19	U									1.8	UJ										
SW8081B	NA	Dieldrin	60-57-1	ug/kg			19	U									1.8	U										
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg			19	U									1.8	U										
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg			19	U									1.8	U										
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg			19	U									1.8	U										
SW8081B	NA	Endrin	72-20-8	ug/kg			19	U									1.8	U										
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg			19	U									1.8	U										

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					Location ID	WSP-SB-10		WSP-SB-10		WSP-SB-10		WSP-SB-10		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-13		WSP-SB-14		WSP-SB-14	
					Sample ID	WSP-SB-10_1.0-2.0 DUP		WSP-SB-10_10.0-12.0		WSP-SB-10_12.0-14.0		WSP-SB-10_6.0-8.0		WSP-SB-13_0.0-0.5		WSP-SB-13_0.5-1.0		WSP-SB-13_1.0-2.0		WSP-SB-13_2.0-4.0		WSP-SB-13_5.0-6.0		WSP-SB-13_8.0-10.0		WSP-SB-14_0.0-0.5		WSP-SB-14_0.5-1.0	
						1 - 2 ft		10 - 12 ft		12 - 14 ft		6 - 8 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		2 - 4 ft		2 - 6 ft		8 - 10 ft		0 - 0.5 ft		0.5 - 1 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801780771		4801780771		4801780771		4801780771		4801782161		4801782161		4801782161		4801782161		4801782161		4801782161		4801780051		4801780051	
					Lab Sample ID	480-178077-4		480-178077-6		480-178077-7		480-178077-5		480-178216-10		480-178216-11		480-178216-12		480-178216-13		480-178216-14		480-178216-15		480-178005-7		480-178005-8	
					Sample Date	11/4/2020		11/4/2020		11/4/2020		11/4/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/13/2020		11/10/2020		11/10/2020	
					Sample Type Code	FD		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg			19	U									1.8	U										
SW8081B	NA	Heptachlor	76-44-8	ug/kg			19	U									1.8	U										
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg			19	U									1.8	U										
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg			19	U									1.8	U										
SW8081B	NA	Methoxychlor	72-43-5	ug/kg			19	U									1.8	U										
SW8081B	NA	Toxaphene	8001-35-2	ug/kg			190	U									18	U										
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg			0.29	U									0.25	U										
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg			0.29	U									0.25	U										
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg			0.29	U									0.25	U										
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg			19	U									18	U										
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg			19	U									18	U										
SW8151A	NA	Dinoseb	88-85-7	ug/kg			19	U									18	U										
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg			19	U									18	U										
SW6010C	T	Aluminum	7429-90-5	mg/kg	9070		4080		16900		9760		9990		9730		12400		14200	J	20000		16300		10100		9490	
SW6010C	T	Antimony	7440-36-0	mg/kg	0.71	J	42.2	J	19.4	U	2.5	J	19.3	U	18.7	U	16.2	U	18.1	UJ	18.6	U	18.4	U	19.2	U	17	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	28.6		84.8		5.5		21.8		6		5.7		7.9		5.4		6.1		6.8		6.3		5.5	
SW6010C	T	Barium	7440-39-3	mg/kg	425		236		146		634		91.2	J+	92.2	J+	88.4	J+	168	J	88.5	J+	114	J+	94.5		88	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.96		0.61		0.65		1.1		0.46		0.47		0.52		0.61		0.72		0.7		0.5		0.5	
SW6010C	T	Boron	7440-42-8	mg/kg	8.1		28.5		8.4		16.6		4.2		3.4		3.1		3.7		4.1		4.2		4		3.1	
SW6010C	T	Cadmium	7440-43-9	mg/kg	5.3		29.8		5.1		2.6		0.17	J	0.18	J	0.14	J	0.17	J	0.084	J	0.088	J	0.26	U	0.23	U
SW6010C	T	Calcium	7440-70-2	mg/kg	11900		3760		2000		7990		1650		1390		1030		2020	J	1190		645		1910		1690	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg			2.3	U									0.87	U										
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg			36.5										15											
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	27.4		36.5		18.2		32.9		11.7		11.4		15		15.8	J	21.4		18.1		11.1		10.7	
SW6010C	T	Cobalt	7440-48-4	mg/kg	9.1		11.2		9.2		13.1		7.5		7.7		9.6		9.3		10.8		10.7		8.2		7.8	
SW6010C	T	Copper	7440-50-8	mg/kg	92.1		232		30.9		179		12.6		12.8		21.5		13.7	J	13.4		15.9		11.7		12.7	
SW6010C	T	Iron	7439-89-6	mg/kg	33300		141000	J+	20100		97900	J+	17000	J+	16700	J+	22500	J+	18700	J	23600	J+	23800	J+	17700		17200	
SW6010C	T	Lead	7439-92-1	mg/kg	864		1810		48.7		777		32.9		39.4		33.7		35.8		12.5		13.3		17.3		13.5	
SW6010C	T	Magnesium	7439-95-4	mg/kg	1180		449		3270		800		2340	J+	2370	J+	3020	J+	2830	J	3690	J+	3590	J+	2570		2520	
SW6010C	T	Manganese	7439-96-5	mg/kg	316		878		176		668		402		417		395		603	J	598		502		482		441	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.75		1.2		0.06		1.3		0.034		0.027		0.05		0.054		0.023		0.029		0.023	J	0.021	J
SW6010C	T	Nickel	7440-02-0	mg/kg	22.5		41.9		24.6		49.2		17		17.7		22		21.3		26.6		24.9		18.2		17.8	
SW6010C	T	Potassium	7440-09-7	mg/kg	1280		547		1980		1240		1750		1550		1370		1540	J	1910		1700		1520		1300	
SW6010C	T	Selenium	7782-49-2	mg/kg	4.9		5.3	J	4.9	J	2.5	J	0.64	J	0.73	J	0.87	J	0.93	J	0.99	J	0.68	J	1.3	J	1.3	J
SW6010C	T	Silver	7440-22-4	mg/kg	1.2		3.4	U	0.29	J	1.2	J	0.77	U	0.75	U	0.65	U	0.72	U	0.75	U	0.73	U	0.77	U	0.68	U
SW6010C	T	Sodium	7440-23-5	mg/kg	310		386		253		343		110	J	91.2	J	102	J	229		315		141	J	119	J	116	J
SW6010C	T	Thallium	7440-28-0	mg/kg	6.5	U	6.7	U	7.8	U	6.4	U	7.7	U	7.5	U	6.5	U	7.2	U	7.5	U	7.3	U	7.7	U	6.8	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	30.1		17.9		22.3		41.2		14.6		14.5		19.9		20.1	J	27.9		24.2		14.4		13.6	
SW6010C	T	Zinc	7440-66-6	mg/kg	766		1260		198		849		59.7		59.6		81.1		121	J	68.7		68		51.6		48.1	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.0099	J	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.7	J	0.62	J	0.63	J	0.64	J	0.29	J	0.75	J	0.29	J	0.39	J	0.12	J	0.3	J	0.39	J	0.42	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.06		0.5		0.063		0.021		0.002	U	0.0012	J	0.00054	J	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.019	J	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.66		8.7		0.018	J	0.41		0.0085	J	0.0035	J	0.004	J	0.011	J	0.02	U	0.02	U	0.0055	J	0.02	U
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg			1.1	U									1.1	U										
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																								
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg			92.8	J									399											

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					Location ID	WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SED-01	
					Sample ID	WSP-SB-14_1.0-2.0		WSP-SB-14_17.0-19.0		WSP-SB-14_2.0-3.5		WSP-SB-14_2.0-3.5 DUP		WSP-SB-14_3.5-5.0		WSP-SB-15_0.0-0.5		WSP-SB-15_0.5-1.0		WSP-SB-15_1.0-2.0		WSP-SB-15_16.0-18.0		WSP-SB-15_2.0-3.0		WSP-SB-15_3.0-5.0		SP-SED-01_0.0-0.5-202011	
						1 - 2 ft		17 - 19 ft		2 - 3.5 ft		2 - 3.5 ft		3.5 - 5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		16 - 18 ft		2 - 3 ft		3 - 5 ft		0 - 0.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801783321	
					Lab Sample ID	480-178005-9		480-178005-13		480-178005-10		480-178005-11		480-178005-12		480-178005-1		480-178005-2		480-178005-3		480-178005-6		480-178005-4		480-178005-5		480-178332-1	
					Sample Date	11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/16/2020	
					Sample Type Code	N		N		N		FD		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg	2	U													2.1	U								
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg	2	U													2.1	U								
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg	0.056	J													0.21	U								
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	0.32	J													0.23	J								
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg	0.2	U													0.21	U								
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg	2	U													2.1	U								
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg	2	U													2.1	U								
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg	4.5	U													4.5	U								
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg	4.5	U													4.5	U								
SW8260C	NA	2-Hexanone	591-78-6	ug/kg	22	U													22	U								
SW8260C	NA	Acetone	67-64-1	ug/kg	22	U													22	U								
SW8260C	NA	Benzene	71-43-2	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Bromoform	75-25-2	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Bromomethane	74-83-9	ug/kg	4.5	UJ													4.5	UJ								
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Chloroethane	75-00-3	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Chloroform	67-66-3	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Chloromethane	74-87-3	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Cyclohexane	110-82-7	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg	4.5	UJ													4.5	UJ								
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg	22	U													22	U								
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg	22	U													22	U								
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg	22	U													22	U								
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg	4.5	U													4.5	U								
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg	4.5	U													4.5	U								
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Styrene	100-42-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Toluene	108-88-3	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg	4.5	U													4.5	U								
SW8260C	NA	Xylenes	1330-20-7	ug/kg	8.9	U													9	U								
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	1100	U	110	U	560	U	560	U	120	U	1500	U	110	U	110	U	110	U	110	U	110	U	120	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U

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					Location ID	WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SED-01	
					Sample ID	WSP-SB-14_1.0-2.0		WSP-SB-14_17.0-19.0		WSP-SB-14_2.0-3.5		WSP-SB-14_2.0-3.5 DUP		WSP-SB-14_3.5-5.0		WSP-SB-15_0.0-0.5		WSP-SB-15_0.5-1.0		WSP-SB-15_1.0-2.0		WSP-SB-15_16.0-18.0		WSP-SB-15_2.0-3.0		WSP-SB-15_3.0-5.0		SP-SED-01_0.0-0.5-202011	
						1 - 2 ft		17 - 19 ft		2 - 3.5 ft		2 - 3.5 ft		3.5 - 5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		16 - 18 ft		2 - 3 ft		3 - 5 ft		0 - 0.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801783321	
					Lab Sample ID	480-178005-9		480-178005-13		480-178005-10		480-178005-11		480-178005-12		480-178005-1		480-178005-2		480-178005-3		480-178005-6		480-178005-4		480-178005-5		480-178332-1	
					Sample Date	11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/16/2020	
					Sample Type Code	N		N		N		FD		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	18000	U	1700	U	9400	U	9300	U	1900	U	24000	U	1800	U	1800	U	1800	U	1800	U	1900	U	2000	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	1800	U	180	U	200	J	220	J	200	U	2500	U	180	U	110	J	180	U	41	J	190	U	210	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	61	J	180	U	190	U	190	U	210	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	UJ	180	UJ	190	UJ	190	UJ	210	UJ
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	1800	U	180	U	370	J	350	J	200	U	2500	U	180	U	210		180	U	84	J	79	J	190	J
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	340	J	180	U	610	J	640	J	200	U	2500	U	180	U	290		180	U	120	J	93	J	220	
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	320	J	180	U	700	J	750	J	200	U	2500	U	180	U	310		180	U	130	J	100	J	340	
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	260	J	180	U	540	J	550	J	200	U	2500	U	180	U	270		180	U	120	J	77	J	180	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	1800	U	180	U	380	J	340	J	200	U	2500	U	180	U	160	J	180	U	65	J	58	J	210	U
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	UJ	180	UJ	190	UJ	190	UJ	210	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	25	J
SW8270D	NA	Chrysene	218-01-9	ug/kg	1800	U	180	U	300	J	310	J	200	U	2500	U	180	U	250		180	U	100	J	91	J	220	
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	1800	U	180	U	960	U	170	J	200	U	2500	U	180	U	57	J	180	U	190	U	190	U	47	J
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	300	J	180	U	640	J	590	J	200	U	2500	U	180	U	450		180	U	200		150	J	370	
SW8270D	NA	Fluorene	86-73-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	1800	UJ	180	UJ	960	UJ	950	UJ	200	UJ	2500	UJ	180	UJ	190	UJ	180	UJ	190	UJ	190	UJ	210	UJ
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	220	J	180	U	460	J	500	J	200	U	2500	U	180	U	220		180	U	85	J	63	J	140	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	UJ
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	3500	U	350	U	1900	U	1900	U	380	U	4800	U	350	U	360	U	360	U	360	U	380	U	410	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	210		180	U	95	J	94	J	190	J
SW8270D	NA	Phenol	108-95-2	ug/kg	1800	U	180	U	960	U	950	U	200	U	2500	U	180	U	190	U	180	U	190	U	190	U	210	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	250	J	180	U	530	J	560	J	200	U	2500	U	180	U	390		180	U	170	J	130	J	300	
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg	36	U													15	JN								
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg	36	U													10	J								
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg	12	J													20									
SW8081B	NA	Aldrin	309-00-2	ug/kg	36	U													18	U								
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg	36	U													18	U								
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg	36	U													18	U								
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg	36	U													18	U								
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg	36	U													18	U								
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg	36	U													18	U								
SW8081B	NA	Dieldrin	60-57-1	ug/kg	36	U													10	J								
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg	36	U													18	U								
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg	36	U													18	U								
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg	36	U													18	U								
SW8081B	NA	Endrin	72-20-8	ug/kg	36	U													18	U								
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg	36	U													18	U								

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				Location ID	WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-14		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SB-15		WSP-SED-01	
				Sample ID	WSP-SB-14_1.0-2.0		WSP-SB-14_17.0-19.0		WSP-SB-14_2.0-3.5		WSP-SB-14_2.0-3.5 DUP		WSP-SB-14_3.5-5.0		WSP-SB-15_0.0-0.5		WSP-SB-15_0.5-1.0		WSP-SB-15_1.0-2.0		WSP-SB-15_16.0-18.0		WSP-SB-15_2.0-3.0		WSP-SB-15_3.0-5.0		SP-SED-01_0.0-0.5-202011	
					1 - 2 ft		17 - 19 ft		2 - 3.5 ft		2 - 3.5 ft		3.5 - 5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		16 - 18 ft		2 - 3 ft		3 - 5 ft		0 - 0.5 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801780051		4801783321	
				Lab Sample ID	480-178005-9		480-178005-13		480-178005-10		480-178005-11		480-178005-12		480-178005-1		480-178005-2		480-178005-3		480-178005-6		480-178005-4		480-178005-5		480-178332-1	
				Sample Date	11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/10/2020		11/16/2020	
				Sample Type Code	N		N		N		FD		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg	36	U													18	U								
SW8081B	NA	Heptachlor	76-44-8	ug/kg	36	U													18	U								
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg	36	U													18	U								
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg	36	U													18	U								
SW8081B	NA	Methoxychlor	72-43-5	ug/kg	36	U													18	U								
SW8081B	NA	Toxaphene	8001-35-2	ug/kg	360	U													180	U								
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg	0.23	U													0.23	U								
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg	0.23	U													0.23	U								
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg	0.23	U													0.23	U								
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg	18	U													18	U								
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg	18	U													18	U								
SW8151A	NA	Dinoseb	88-85-7	ug/kg	18	U													18	U								
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg	18	U													18	U								
SW6010C	T	Aluminum	7429-90-5	mg/kg	11500		6790		14600	J	12100		12300		8310		7700		11100		6900		9740		16200		12000	
SW6010C	T	Antimony	7440-36-0	mg/kg	16.1	U	16.2	U	16.5	UJ	16.8	U	17.1	U	23.2	U	16.7	U	16.5	U	16.1	U	16.7	U	16.3	U	18.2	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	7		4.4		6.6		6.9		6.1		13.7		4.8		9.5		5.7		18.7		7.9		6.5	
SW6010C	T	Barium	7440-39-3	mg/kg	86.1		50.8		146	J	117		109		83.1		47.4		188		51.3		122		147		130	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.52		0.29		0.64		0.6		0.56		0.42		0.28		0.54		0.28		0.34		0.53		0.55	
SW6010C	T	Boron	7440-42-8	mg/kg	3.4		3.2		4.1		4.6		3.6		6.5		2.7		3.2		4		6.5		6.8		4.3	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.21	U	0.22	U	0.043	J	0.23		0.23	U	0.16	J	0.22	U	0.62		0.22	U	0.36		0.22	U	0.24	U
SW6010C	T	Calcium	7440-70-2	mg/kg	8230		9880		2560	J	3690		1550		4340		24400		6740		26600		32500		3010		4160	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg	2.2	U													5.9									
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg	13.7														8.3									
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	13.7		9.1		16.5	J	15.2		16.1		17.9		9.5		14.2		8.8		12.7		20		14.3	
SW6010C	T	Cobalt	7440-48-4	mg/kg	9.4		5.6		9.9		9.4		10		6.5		6.3		8.7		4.9		7.5		9.7		10.1	
SW6010C	T	Copper	7440-50-8	mg/kg	24.8		14.2		16	J	22.9		14.8		23		24.8		24.5		32.8		17.5		47.5		16.3	
SW6010C	T	Iron	7439-89-6	mg/kg	21200		14400		19700	J	18500		18500		15000		16700		21100		14000		20000		34900		20500	
SW6010C	T	Lead	7439-92-1	mg/kg	73		9.2		73.3	J	109		60.3		54.6		9.9		451		11		134		175		24.2	
SW6010C	T	Magnesium	7439-95-4	mg/kg	4010		3280		3060	J	2740		2760		2910		5270		2940		6130		4750		3220		3560	
SW6010C	T	Manganese	7439-96-5	mg/kg	654		583		374	J	491		502		380		654		719		501		408		549		728	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.045		0.012	J	0.15	J	0.06		0.046		0.068		0.0086	J	0.15		0.0083	J	0.059		0.088		0.033	
SW6010C	T	Nickel	7440-02-0	mg/kg	23.7		13.8		23.4	J	21.1		21		15.9		17.6		21		12.9		16.1		23.9		22.8	
SW6010C	T	Potassium	7440-09-7	mg/kg	1270		1070		1570	J	1520		1390		1410		865		1210		1200		905		1660		1340	
SW6010C	T	Selenium	7782-49-2	mg/kg	1.9	J	1.1	J	1.9	J	1.8	J	1.6	J	1.5	J	1.4	J	2.2	J	0.9	J	1.7	J	3.4	J	4.9	U
SW6010C	T	Silver	7440-22-4	mg/kg	0.64	U	0.65	U	0.66	U	0.67	U	0.68	U	0.93	U	0.67	U	0.66	U	0.65	U	0.67	U	0.65	U	0.73	U
SW6010C	T	Sodium	7440-23-5	mg/kg	231		104	J	255		262		193		60.1	J	53.7	J	48	J	86.3	J	61	J	52.4	J	88.2	J
SW6010C	T	Thallium	7440-28-0	mg/kg	6.4	U	6.5	U	6.6	U	6.7	U	6.8	U	9.3	U	6.7	U	6.6	U	6.5	U	6.7	U	6.5	U	7.3	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	18.4		11.3		20.9		18.5		17.6		13.7		12.4		17.2		11.8		17.4		28.1		17.7	
SW6010C	T	Zinc	7440-66-6	mg/kg	81.7		43.3		112	J	103		84.2		79		71.3		281		41.3		113		139		76.5	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.0082	J	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.65	J	0.56	J	0.66	J	0.61	J	0.45	J	0.48	J	0.46	J	0.93	J	0.56	J	0.51	J	0.55	J	0.59	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.0027		0.00094	J	0.0046		0.005		0.002	U	0.0018	J	0.00085	J	0.0051		0.00055	J	0.00057	J	0.0016	J	0.00073	J
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.039		0.02	U	0.041		0.033		0.0062	J	0.013	J	0.02	U	0.22		0.02	U	0.011	J	0.037		0.014	J
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg	0.94	UJ													0.96	UJ								
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																							15100	
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg	617														199									

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				Location ID	WSP-SED-01		WSP-SED-01		WSP-SED-02		WSP-SED-02		WSP-SED-02		WSP-SED-03		WSP-SED-03		WSP-SED-03		WSP-SED-04		WSP-SED-04		WSP-SED-04		WSP-SED-04	
				Sample ID	SP-SED-01_0.5-1.0-20201		SP-SED-01_1.0-2.0-20201		SP-SED-02_0.0-0.5-20201		SP-SED-02_0.5-1.0-20201		SP-SED-02_1.0-2.0-20201		SP-SED-03_0.0-0.5-20201		SP-SED-03_0.5-1.0-20201		SP-SED-03_1.0-2.0-20201		SP-SED-04_0.0-0.5-20201		SP-SED-04_0.5-1.0-20201		SED-04_1.0-2.0 DUP-202		GP-SED-04_1.0-2.0-20201	
					0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 2 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321	
				Lab Sample ID	480-178332-2		480-178332-3		480-178332-18		480-178332-19		480-178332-20		480-178332-21		480-178332-22		480-178332-23		480-178332-4		480-178332-5		480-178332-7		480-178332-6	
				Sample Date	11/16/2020		11/16/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		FD		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg															2.2	U								
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg															2.2	U								
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg															0.22	U								
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg															0.11	J								
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg															0.1	J								
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg															0.078	J								
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg															0.22	U								
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg															0.22	U								
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg															0.073	J								
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg															0.036	J								
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg															0.063	J								
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg															0.11	J								
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg															0.22	U								
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg															0.85									
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg															0.28									
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg															0.22	U								
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg															0.22	U								
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg															0.22	U								
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg															0.055	J								
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg															2.2	U								
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg															2.2	U								
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg																								
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg																								
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg																								
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg																								
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg																								
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg																								
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg																								
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg																								
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg																								
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg																								
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg																								
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg																								
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg																								
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg																								
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg																								
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg																								
SW8260C	NA	2-Hexanone	591-78-6	ug/kg																								
SW8260C	NA	Acetone	67-64-1	ug/kg																								
SW8260C	NA	Benzene	71-43-2	ug/kg																								
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg																								
SW8260C	NA	Bromoform	75-25-2	ug/kg																								
SW8260C	NA	Bromomethane	74-83-9	ug/kg																								
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg																								
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg																								
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg																								
SW8260C	NA	Chloroethane	75-00-3	ug/kg																								
SW8260C	NA	Chloroform	67-66-3	ug/kg																								
SW8260C	NA	Chloromethane	74-87-3	ug/kg																								
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg																								
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg																								
SW8260C	NA	Cyclohexane	110-82-7	ug/kg																								
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg																								
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg																								
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg																								
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg																								
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg																								
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg																								
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg																								
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg																								
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg																								
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg																								
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg																								
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg																								
SW8260C	NA	Styrene	100-42-5	ug/kg																								
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg																								
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg																								
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg																								
SW8260C	NA	Toluene	108-88-3	ug/kg																								
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg																								
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg																								
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg																								
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg																								
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg																								
SW8260C	NA	Xylenes	1330-20-7	ug/kg																								
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	120	U	110	U	120	U	120	U	120	U	120	U	120	U	110	U	110	U	120	U	110	U	130	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U

PARSONS

					Location ID	WSP-SED-01		WSP-SED-01		WSP-SED-02		WSP-SED-02		WSP-SED-02		WSP-SED-03		WSP-SED-03		WSP-SED-03		WSP-SED-04		WSP-SED-04		WSP-SED-04		WSP-SED-04	
					Sample ID	SP-SED-01_0.5-1.0-20201		SP-SED-01_1.0-2.0-20201		SP-SED-02_0.0-0.5-20201		SP-SED-02_0.5-1.0-20201		SP-SED-02_1.0-2.0-20201		SP-SED-03_0.0-0.5-20201		SP-SED-03_0.5-1.0-20201		SP-SED-03_1.0-2.0-20201		SP-SED-04_0.0-0.5-20201		SP-SED-04_0.5-1.0-20201		SED-04_1.0-2.0 DUP-202		GP-SED-04_1.0-2.0-20201	
						0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321	
					Lab Sample ID	480-178332-2		480-178332-3		480-178332-18		480-178332-19		480-178332-20		480-178332-21		480-178332-22		480-178332-23		480-178332-4		480-178332-5		480-178332-7		480-178332-6	
					Sample Date	11/16/2020		11/16/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		FD		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	2000	U	1900	U	2100	U	2000	U	2000	U	1900	U	1900	U	1800	U	1900	U	2000	U	1800	U	2100	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	200	U	190	U	210	U	210	U	38	J	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	30	J	190	U	28	J	30	J	140	J	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	200	U	190	U	210	U	210	U	230		200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	200	UJ	190	UJ	210	UJ	210	UJ	200	UJ	200	UJ	200	UJ	190	UJ	190	UJ	200	UJ	180	UJ	210	UJ
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	190	J	120	J	180	J	140	J	740		70	J	72	J	54	J	47	J	200	U	61	J	210	U
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	230		160	J	200	J	180	J	670		92	J	88	J	76	J	54	J	68	J	77	J	72	J
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	250		170	J	240		250		860		110	J	140	J	85	J	57	J	70	J	88	J	97	J
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	190	J	120	J	140	J	120	J	420		75	J	81	J	63	J	48	J	55	J	64	J	75	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	140	J	64	J	110	J	210	U	430		45	J	200	U	40	J	37	J	46	J	38	J	37	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	200	UJ	190	UJ	210	UJ	210	UJ	200	UJ	200	UJ	200	UJ	190	UJ	190	UJ	200	UJ	180	UJ	210	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	200	U	190	U	210	U	210	U	99	J	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	200		140	J	180	J	150	J	860		77	J	95	J	68	J	50	J	60	J	72	J	73	J
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	55	J	190	U	41	J	210	U	140	J	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	390		240		330		280		2300		160	J	150	J	110	J	85	J	99	J	130	J	120	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	200	U	190	U	210	U	210	U	70	J	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	200	UJ	190	UJ	210	UJ	210	UJ	200	UJ	200	UJ	200	UJ	190	UJ	190	UJ	200	UJ	180	UJ	210	UJ
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	160	J	100	J	120	J	100	J	400		71	J	68	J	55	J	43	J	53	J	58	J	57	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	200	UJ	190	UJ	210	UJ	210	UJ	200	U	200	U	200	U	190	U	190	UJ	200	UJ	180	UJ	210	UJ
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	400	U	370	U	410	U	410	U	390	U	380	U	380	U	370	U	380	U	400	U	350	U	420	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	190	J	120	J	110	J	130	J	970		68	J	70	J	38	J	190	U	200	U	56	J	45	J
SW8270D	NA	Phenol	108-95-2	ug/kg	200	U	190	U	210	U	210	U	200	U	200	U	200	U	190	U	190	U	200	U	180	U	210	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	310		190		240		220		1600		120	J	120	J	92	J	68	J	83	J	100	J	87	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg																									
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg																									
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg																									
SW8081B	NA	Aldrin	309-00-2	ug/kg																									
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg																									
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg																									
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg																									
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg																									
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg																									
SW8081B	NA	Dieldrin	60-57-1	ug/kg																									
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg																									
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg																									
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg																									
SW8081B	NA	Endrin	72-20-8	ug/kg																									
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg																									

PARSONS

				Location ID	WSP-SED-01		WSP-SED-01		WSP-SED-02		WSP-SED-02		WSP-SED-02		WSP-SED-03		WSP-SED-03		WSP-SED-03		WSP-SED-04		WSP-SED-04		WSP-SED-04		WSP-SED-04	
				Sample ID	SP-SED-01_0.5-1.0-20201		SP-SED-01_1.0-2.0-20201		SP-SED-02_0.0-0.5-20201		SP-SED-02_0.5-1.0-20201		SP-SED-02_1.0-2.0-20201		SP-SED-03_0.0-0.5-20201		SP-SED-03_0.5-1.0-20201		SP-SED-03_1.0-2.0-20201		SP-SED-04_0.0-0.5-20201		SP-SED-04_0.5-1.0-20201		SED-04_1.0-2.0 DUP-202		GP-SED-04_1.0-2.0-20201	
					0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		1 - 2 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321	
				Lab Sample ID	480-178332-2		480-178332-3		480-178332-18		480-178332-19		480-178332-20		480-178332-21		480-178332-22		480-178332-23		480-178332-4		480-178332-5		480-178332-7		480-178332-6	
				Sample Date	11/16/2020		11/16/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		FD		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg																								
SW8081B	NA	Heptachlor	76-44-8	ug/kg																								
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg																								
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg																								
SW8081B	NA	Methoxychlor	72-43-5	ug/kg																								
SW8081B	NA	Toxaphene	8001-35-2	ug/kg																								
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg																								
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg																								
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg																								
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg																								
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg																								
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg																								
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg																								
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg																								
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg																								
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg																								
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg																								
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg																								
SW8151A	NA	Dinoseb	88-85-7	ug/kg																								
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg																								
SW6010C	T	Aluminum	7429-90-5	mg/kg	11900		12500		13300		12200		11600		12300		12400		12300		12400		13000		11100		13400	J
SW6010C	T	Antimony	7440-36-0	mg/kg	18.7	U	17.8	U	19.2	U	18.4	U	17.2	U	17.1	UJ	17.5	U	16.4	U	18.3	U	18.3	U	15.9	U	19.4	UJ
SW6010C	T	Arsenic	7440-38-2	mg/kg	6.3		6.3		6.9		6		5.8		6.4		6.5		7		6.5		7.1		5.9		7.2	
SW6010C	T	Barium	7440-39-3	mg/kg	128		131		133		119		109		122	J	124		124		123		129		112		135	J
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.59		0.62		0.61		0.58		0.57		0.54		0.56		0.59		0.69		0.78		0.68		0.8	
SW6010C	T	Boron	7440-42-8	mg/kg	3.8		4.4		4.8		4.2		4.1		4.2		4.5		3.9		4.1		3.9		3.4		3.8	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.25	U	0.24	U	0.26	U	0.25	U	0.23	U	0.17	J	0.17	J	0.18	J	0.24	U	0.24	U	0.044	J	0.26	U
SW6010C	T	Calcium	7440-70-2	mg/kg	2780		2580		2990		2390		2160		2710	J	2760		2140		2390		2280		1690		2140	J
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg																								
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg																								
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	14.4		15.1		15.6		14.6		13.9		14.1		15		14.3		14.7		15.7		13.7		16.6	J
SW6010C	T	Cobalt	7440-48-4	mg/kg	11.3		12.4		10.9		10.4		9.8		9.9		10		11.4		12.8		14.7		12.4		14.6	
SW6010C	T	Copper	7440-50-8	mg/kg	16.2		17.2		16		15.8		15.6		14.3		14.5		14.7		16		17.2		15.4		18.2	J
SW6010C	T	Iron	7439-89-6	mg/kg	20500		20200		21100		19600		18300		19500		19900		20200		20200		21100		18000		22000	J
SW6010C	T	Lead	7439-92-1	mg/kg	27.8		27.2		24.1		23.8		23.8		18.5		18.7		22		23.2		26.3		23.8		29.1	
SW6010C	T	Magnesium	7439-95-4	mg/kg	3330		3240		3590		3150		2960		3290		3350		3110		3180		3210		2630		3230	J
SW6010C	T	Manganese	7439-96-5	mg/kg	736		782		750		582		451		662	J	646		686		756		826		712		848	J
SW7471B	T	Mercury	7439-97-6	mg/kg	0.045		0.047		0.043		0.051		0.066		0.033		0.032		0.041		0.054		0.067		0.072		0.079	
SW6010C	T	Nickel	7440-02-0	mg/kg	23.7		25.5		23.9		22.3		21.5		21.8		22.4		24.2		25.7		28.9		24.5		29.2	
SW6010C	T	Potassium	7440-09-7	mg/kg	1310		1490		1720		1510		1460		1630	J	1660		1570		1620		1620		1400		1640	J
SW6010C	T	Selenium	7782-49-2	mg/kg	5	U	4.8	U	5.1	U	4.9	U	4.6	U	4.6	U	4.7	U	4.4	U	4.9	U	4.9	U	4.2	U	5.2	U
SW6010C	T	Silver	7440-22-4	mg/kg	0.75	U	0.71	U	0.77	U	0.74	U	0.3	J	0.68	U	0.7	U	0.25	J	0.73	U	0.24	J	0.22	J	0.29	J
SW6010C	T	Sodium	7440-23-5	mg/kg	82.3	J	86.9	J	88	J	82.5	J	75.8	J	85	J	82.1	J	77.5	J	69.8	J	75.1	J	68.1	J	78.3	J
SW6010C	T	Thallium	7440-28-0	mg/kg	7.5	U	7.1	U	7.7	U	7.4	U	6.9	U	6.8	U	7	U	6.6	U	7.3	U	7.3	U	6.4	U	7.8	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	17.6		18.4		20.2		18.4		17.8		17.8		17.9		17.8		18.2		18.6		16.4		19.6	
SW6010C	T	Zinc	7440-66-6	mg/kg	84.5		91.4		78.9		76.1		72.8		68.7		68.3		77.6		94.2		110		96.9		116	J
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.51	J	0.42	J	0.57	J	0.52	J	0.52	J	0.59	J	0.58	J	0.52	J	0.55	J	0.51	J	0.51	J	0.41	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.00068	J	0.00052	J	0.002	U	0.00055	J	0.0006	J	0.00069	J	0.0006	J	0.00052	J	0.00081	J	0.00063	J	0.00063	J	0.00086	J
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.007	J	0.02	U	0.0031	J	0.02	U	0.0038	J	0.0065	J	0.02	U	0.0032	J	0.0076	J	0.0037	J	0.012	J	0.02	U
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg																								
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg	11600		15100		14500		10500		13500		13700		13400		12400		11400		14100		11300		12300	
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg																								

					Location ID	WSP-SED-05		WSP-SED-05		WSP-SED-05		WSP-SED-06		WSP-SED-06		WSP-SED-07		WSP-SED-07		WSP-SED-07		WSP-SED-08		WSP-SED-08		WSP-SED-08		WSP-SED-08	
					Sample ID	SP-SED-05_0.0-0.5-20201		SP-SED-05_0.5-1.0-20201		SP-SED-05_1.0-2.0-20201		SP-SED-06_0.0-0.5-20201		SP-SED-06_0.5-1.0-20201		SP-SED-07_0.0-0.5-20201		SP-SED-07_0.5-1.0-20201		SP-SED-07_1.0-2.0-20201		WSP-SED-08_0.0-0.5		WSP-SED-08_0.0-0.5 DUP		WSP-SED-08_0.5-1.0		WSP-SED-08_1.0-2.0	
						0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801786781		4801786781		4801786781		4801786781	
					Lab Sample ID	480-178332-24		480-178332-25		480-178332-26		480-178332-27		480-178332-28		480-178332-8		480-178332-9		480-178332-10		480-178678-1		480-178678-2		480-178678-3		480-178678-4	
					Sample Date	11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/16/2020		11/16/2020		11/16/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		FD		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg	2.5	U	2.2	U			2.1	U															2.3	U
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg	2.5	U	2.2	U			2.1	U															2.3	U
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg	0.12	J	0.077	J			0.084	J															0.036	J
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg	0.049	J	0.12	J			0.21	U															0.11	J
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg	0.092	J	0.056	J			0.032	J															0.08	J
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg	0.057	J	0.06	J			0.21	U															0.23	U
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg	0.042	J	0.041	J			0.21	U															0.23	U
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg	0.061	J	0.064	J			0.21	U															0.23	U
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg	0.094	J	0.066	J			0.21	U															0.23	U
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	0.62	U	0.67				0.53	U															0.33	J
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.14	J	0.16	J			0.21	U															0.23	U
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg	0.25	U	0.22	U			0.21	U															0.23	U
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg	0.081	J	0.049	J			0.21	U															0.081	J
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg	2.5	U	2.2	U			2.1	U															2.3	U
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg	2.5	U	2.2	U			2.1	U															2.3	U
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	UJ
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg	5.3	U	5.1	U			4.3	U															4.4	UJ
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	2-Hexanone	591-78-6	ug/kg	27	U	26	U			21	U															22	U
SW8260C	NA	Acetone	67-64-1	ug/kg	27	U	26	U			21	U															22	U
SW8260C	NA	Benzene	71-43-2	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Bromoform	75-25-2	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Bromomethane	74-83-9	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Chloroethane	75-00-3	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Chloroform	67-66-3	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Chloromethane	74-87-3	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Cyclohexane	110-82-7	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg	27	U	6	J			21	U															22	U
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg	27	U	26	U			21	U															22	U
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg	27	U	26	U			21	U															22	U
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Styrene	100-42-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Toluene	108-88-3	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg	5.3	U	5.1	U			4.3	U															4.4	U
SW8260C	NA	Xylenes	1330-20-7	ug/kg	11	U	10	U			8.6	U															8.7	U
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	120	U	110	U	100	U	110	U	100	U	120	U	120	U	120	U	130	U			120	U	120	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U

					Location ID	WSP-SED-05		WSP-SED-05		WSP-SED-05		WSP-SED-06		WSP-SED-06		WSP-SED-07		WSP-SED-07		WSP-SED-07		WSP-SED-08		WSP-SED-08		WSP-SED-08		WSP-SED-08	
					Sample ID	SP-SED-05_0.0-0.5-20201		SP-SED-05_0.5-1.0-20201		SP-SED-05_1.0-2.0-20201		SP-SED-06_0.0-0.5-20201		SP-SED-06_0.5-1.0-20201		SP-SED-07_0.0-0.5-20201		SP-SED-07_0.5-1.0-20201		SP-SED-07_1.0-2.0-20201		WSP-SED-08_0.0-0.5		WSP-SED-08_0.0-0.5 DUP		WSP-SED-08_0.5-1.0		WSP-SED-08_1.0-2.0	
						0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801786781		4801786781		4801786781		4801786781	
					Lab Sample ID	480-178332-24		480-178332-25		480-178332-26		480-178332-27		480-178332-28		480-178332-8		480-178332-9		480-178332-10		480-178678-1		480-178678-2		480-178678-3		480-178678-4	
					Sample Date	11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/16/2020		11/16/2020		11/16/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		FD		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	2000	U	1900	U	1700	U	1800	U	1700	U	2000	U	2000	U	1900	U	2200	U			2000	U	1900	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	210	U	31	J	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	210	UJ	190	UJ	170	UJ	180	UJ	170	UJ	210	UJ	210	UJ	200	UJ	220	U			210	U	200	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	88	J	180	J	130	J	180	U	170	U	210	U	78	J	200	U	220	U			57	J	200	U
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	120	J	190		180		52	J	27	J	74	J	91	J	38	J	75	J			92	J	200	U
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	160	J	260		180		50	J	29	J	88	J	140	J	62	J	84	J			110	J	49	J
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	110	J	150	J	140	J	53	J	26	J	63	J	75	J	35	J	60	J			72	J	38	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	48	J	74	J	100	J	42	J	170	U	41	J	210	U	200	U	41	J			51	J	200	U
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	210	UJ	190	UJ	170	UJ	180	UJ	170	UJ	210	UJ	210	UJ	200	UJ	220	U			210	U	200	U
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	110	J	170	J	160	J	53	J	170	U	92	J	87	J	200	U	51	J			63	J	200	U
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	210	U	47	J	37	J	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	200	J	310		230		100	J	38	J	110	J	140	J	61	J	93	J			110	J	48	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	210	UJ	190	UJ	170	UJ	180	UJ	170	UJ	210	UJ	210	UJ	200	UJ	220	UJ			210	UJ	200	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	93	J	130	J	120	J	47	J	170	U	51	J	69	J	30	J	46	J			58	J	28	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	210	U	190	U	28	J	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	210	U	190	U	170	U	180	U	170	U	210	UJ	210	UJ	200	UJ	220	U			210	U	200	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	410	U	370	U	330	U	350	U	330	U	410	U	400	U	390	U	430	U			400	U	390	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	67	J	79	J	81	J	36	J	170	U	210	U	45	J	200	U	220	U			35	J	200	U
SW8270D	NA	Phenol	108-95-2	ug/kg	210	U	190	U	170	U	180	U	170	U	210	U	210	U	200	U	220	U			210	U	200	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	150	J	250		180		73	J	31	J	89	J	100	J	43	J	79	J			95	J	35	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg	10	U	0.38	J			9	U															19	U
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg	10	U	0.9	J			3	J															19	U
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg	3.5	J	1.9	U			3	J															19	U
SW8081B	NA	Aldrin	309-00-2	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Dieldrin	60-57-1	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Endrin	72-20-8	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg	10	U	1.9	U			9	U															19	U

PARSONS

					Location ID	WSP-SED-05		WSP-SED-05		WSP-SED-05		WSP-SED-06		WSP-SED-06		WSP-SED-07		WSP-SED-07		WSP-SED-07		WSP-SED-08		WSP-SED-08		WSP-SED-08		WSP-SED-08	
					Sample ID	WSP-SED-05_0.0-0.5-20201		WSP-SED-05_0.5-1.0-20201		WSP-SED-05_1.0-2.0-20201		WSP-SED-06_0.0-0.5-20201		WSP-SED-06_0.5-1.0-20201		WSP-SED-07_0.0-0.5-20201		WSP-SED-07_0.5-1.0-20201		WSP-SED-07_1.0-2.0-20201		WSP-SED-08_0.0-0.5		WSP-SED-08_0.0-0.5 DUP		WSP-SED-08_0.5-1.0		WSP-SED-08_1.0-2.0	
						0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801786781		4801786781		4801786781		4801786781	
					Lab Sample ID	480-178332-24		480-178332-25		480-178332-26		480-178332-27		480-178332-28		480-178332-8		480-178332-9		480-178332-10		480-178678-1		480-178678-2		480-178678-3		480-178678-4	
					Sample Date	11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/17/2020		11/16/2020		11/16/2020		11/16/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		FD		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Heptachlor	76-44-8	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Methoxychlor	72-43-5	ug/kg	10	U	1.9	U			9	U															19	U
SW8081B	NA	Toxaphene	8001-35-2	ug/kg	100	U	19	U			90	U															190	U
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg	0.27	U	0.24	U			0.25	U															0.24	U
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg	21	U	19	U			18	U															19	U
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg	21	U	19	U			18	U															19	U
SW8151A	NA	Dinoseb	88-85-7	ug/kg	21	U	19	U			18	U															19	U
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg	21	U	19	U			18	U															19	U
SW6010C	T	Aluminum	7429-90-5	mg/kg	12200		10900		10800		8060		6910		13200		12900		11700		10400				10000		9150	
SW6010C	T	Antimony	7440-36-0	mg/kg	18.8	U	17	U	14.5	U	16.9	U	15.4	U	19.4	U	18.1	U	17.1	U	20.5	U			18	U	18.3	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	6.2		5.8		5.5		5.6		5.5		6.7		6.3		5.7		6.8				6.9		6.3	
SW6010C	T	Barium	7440-39-3	mg/kg	124		107		106		73.2		73.9		134		136		121		143	J+			118	J+	97	J+
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.53		0.51		0.49		0.4		0.36		0.6		0.62		0.59		0.51				0.52		0.49	
SW6010C	T	Boron	7440-42-8	mg/kg	4.6		3.5		3.7		3.1		1.8	J	4.6		5.6		6.8		4.5				4		3.9	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.17	J	0.17	J	0.14	J	0.093	J	0.091	J	0.26	U	0.24	U	0.23	U	0.16	J			0.15	J	0.13	J
SW6010C	T	Calcium	7440-70-2	mg/kg	4480		2130		2470		1960		1310		3500		18900		43000		2170				1930		1740	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg	0.99	U	0.91	U			0.87	U															2.3	U
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg	14.3		13.2				9.7																13.5	
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	14.3		13.2		12.6		9.7		8.5		15.2		15.3		14.9									
SW6010C	T	Cobalt	7440-48-4	mg/kg	9.4		9.5		9		8.1		8.7		10.9		11.5		10.6		9.7				11.1		10.7	
SW6010C	T	Copper	7440-50-8	mg/kg	14.8		14.4		13.3		9.3		12.2		15.9		18.7		22.2		12				13.6		12.4	
SW6010C	T	Iron	7439-89-6	mg/kg	19600		17600		17200		15700		15700		21400		20400		18300		19100				18100		16700	
SW6010C	T	Lead	7439-92-1	mg/kg	18.9		22.4		18.8		13.1		8.3		20.5		19.3		14.5		15.1				16		19.8	
SW6010C	T	Magnesium	7439-95-4	mg/kg	3750		2790		2810		2260		1970		3630		4080		4870		2740				2640		2760	
SW6010C	T	Manganese	7439-96-5	mg/kg	712		556		559		292		408		731		715		695		797				667		590	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.031		0.056		0.031		0.016	J	0.0084	J	0.032		0.035		0.033		0.028				0.02	J	0.021	J
SW6010C	T	Nickel	7440-02-0	mg/kg	21.5		20.7		20.1		16.7		18.4		23.9		26.9		28.1		20				22.4		21.5	
SW6010C	T	Potassium	7440-09-7	mg/kg	1570		1330		1390		1150		890		1790		1900		1900		1650				1490		1500	
SW6010C	T	Selenium	7782-49-2	mg/kg	5	U	4.5	U	3.9	U	4.5	U	4.1	U	5.2	U	4.8	U	4.5	U	0.55	J			0.66	J	0.75	J
SW6010C	T	Silver	7440-22-4	mg/kg	0.75	U	0.68	U	0.58	U	0.68	U	0.61	U	0.78	U	0.72	U	0.68	U	0.82	U			0.72	U	0.73	U
SW6010C	T	Sodium	7440-23-5	mg/kg	109	J	75.6	J	81.5	J	75.2	J	51.4	J	87	J	98.1	J	125	J	85.3	J			89.9	J	92.4	J
SW6010C	T	Thallium	7440-28-0	mg/kg	7.5	U	6.8	U	5.8	U	6.8	U	6.1	U	7.8	U	7.2	U	6.8	U	8.2	U			7.2	U	7.3	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	17.8		15.9		15.8		13.1		10.3		19.6		19.4		17.7		15.9				15.3		14.4	
SW6010C	T	Zinc	7440-66-6	mg/kg	67		70.6		62.4		51.2		52		74.4		68.1		53.4		68.6				76.7		75.7	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U			0.015	U	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.69	J	0.66	J	0.75	J	0.52	J	0.47	J	0.73	J	1.1		1.1		0.35	J			0.32	J	0.32	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.00091	J	0.00079	J	0.00085	J	0.00094	J	0.00073	J	0.00088	J	0.002	U	0.002	U	0.002	U			0.002	U	0.002	U
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U			0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U			0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.0041	J	0.02	U	0.0036	J	0.01	J	0.0031	J	0.02	U	0.02	U	0.02	U	0.02	U			0.02	U	0.0036	J
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U			0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U			0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg	1.1	U	1.1	U			1	U															1.1	U
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg	22900		15100		10700		11100		6070		14800		14400		13500		15900		16600		11700		10000	
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg	517		384				325																321	

				Location ID	WSP-SED-11		WSP-SED-11		WSP-SED-11		WSP-SED-13		WSP-SED-13		WSP-SED-13		WSP-SS-01		WSP-SS-02		WSP-SS-02		WSP-SS-03		WSP-SS-04		WSP-SS-05	
				Sample ID	SP-SED-11_0.0-0.5-20201		SP-SED-11_0.5-1.0-20201		SP-SED-11_1.0-2.0-20201		SP-SED-13_0.0-0.5-20201		SP-SED-13_0.5-1.0-20201		SP-SED-13_1.0-2.0-20201		SP-SS-01_0.0-2.0-202011		-SS-02_0.0-2.0 DUP-2020		SP-SS-02_0.0-2.0-202011		SP-SS-03_0.0-2.0-202011		SP-SS-04_0.0-2.0-202011		SP-SS-05_0.0-2.0-202011	
					0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801786791		4801786791		4801786791		4801786791		4801786791		4801786791	
				Lab Sample ID	480-178332-11		480-178332-12		480-178332-13		480-178332-14		480-178332-15		480-178332-30		480-178679-1		480-178679-3		480-178679-2		480-178679-4		480-178679-5		480-178679-7	
				Sample Date	11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020	
				Sample Type Code	N		N		N		N		N		N		N		FD		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg													2.1	U	2.4	U	2.5	U	2.4	U	2.3	U	2.5	U
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg													2.1	U	2.4	U	2.5	U	2.4	U	2.3	U	2.5	U
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg													0.21	U	0.047	J	0.037	J	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg													0.066	J	0.67		0.59		0.28		0.073	J	0.26	
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg													0.21	U	0.24	U	0.25	U	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg													0.04	J	0.24		0.25		0.05	J	0.076	J	0.16	J
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg													0.21	U	0.15	J	0.13	J	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg													0.21	U	0.24	U	0.25	U	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg													0.032	J	0.2	J	0.19	J	0.068	J	0.069	J	0.13	J
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg													0.21	U	0.056	J	0.061	J	0.052	J	0.23	U	0.041	J
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg													0.21	U	0.18	J	0.17	J	0.068	J	0.23	U	0.06	J
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg													0.058	J	0.32		0.33		0.1	J	0.13	J	0.29	
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg													0.21	U	0.24	U	0.25	U	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg													0.28	J	1.3		1.4		0.81		0.39	J	1.1	
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg													0.21	U	0.55		0.54		0.15	J	0.11	J	0.37	
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg													0.21	U	0.096	J	0.12	J	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg													0.21	U	0.24	U	0.25	U	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg													0.21	U	0.07	J	0.081	J	0.24	U	0.23	U	0.25	U
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg													0.21	U	0.23	J	0.21	J	0.24	U	0.087	J	0.14	J
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg													2.1	U	2.4	U	2.5	U	2.4	U	2.3	U	2.5	U
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg													2.1	U	2.4	U	2.5	U	2.4	U	2.3	U	2.5	U
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg													5.2	U	5.9	UJ	5.8	UJ	5.6	UJ	6.9	UJ	7.3	UJ
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg													5.2	U	5.9	UJ	5.8	UJ	5.6	UJ	6.9	UJ	7.3	UJ
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	2-Hexanone	591-78-6	ug/kg													26	U	29	U	29	U	28	U	35	U	36	U
SW8260C	NA	Acetone	67-64-1	ug/kg													26	U	29	U	29	U	28	U	35	U	36	U
SW8260C	NA	Benzene	71-43-2	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Bromoform	75-25-2	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Bromomethane	74-83-9	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Chloroethane	75-00-3	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Chloroform	67-66-3	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Chloromethane	74-87-3	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Cyclohexane	110-82-7	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg													26	U	29	U	29	U	28	U	35	U	36	U
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg													26	U	29	U	29	U	28	U	35	U	36	U
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg													26	U	29	U	29	U	28	U	35	U	36	U
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Styrene	100-42-5	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Toluene	108-88-3	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg													5.2	U	2.4	J	1.7	J	1.3	J	6.9	U	7.3	U
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg													5.2	U	5.9	U	5.8	U	5.6	U	6.9	U	7.3	U
SW8260C	NA	Xylenes	1330-20-7	ug/kg													10	U	12	U	12	U	11	U	14	U	15	U
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	110	U	120	U	110	U	110	U	120	U	99	U	110	U	660	U	650	U	120	U	130	U	650	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U

PARSONS

					Location ID	WSP-SED-11		WSP-SED-11		WSP-SED-11		WSP-SED-13		WSP-SED-13		WSP-SED-13		WSP-SS-01		WSP-SS-02		WSP-SS-02		WSP-SS-03		WSP-SS-04		WSP-SS-05	
					Sample ID	SP-SED-11_0.0-0.5-20201		SP-SED-11_0.5-1.0-20201		SP-SED-11_1.0-2.0-20201		SP-SED-13_0.0-0.5-20201		SP-SED-13_0.5-1.0-20201		SP-SED-13_1.0-2.0-20201		SP-SS-01_0.0-2.0-202011		-SS-02_0.0-2.0 DUP-2020		SP-SS-02_0.0-2.0-202011		SP-SS-03_0.0-2.0-202011		SP-SS-04_0.0-2.0-202011		SP-SS-05_0.0-2.0-202011	
						0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801786791		4801786791		4801786791		4801786791		4801786791		4801786791	
					Lab Sample ID	480-178332-11		480-178332-12		480-178332-13		480-178332-14		480-178332-15		480-178332-30		480-178679-1		480-178679-3		480-178679-2		480-178679-4		480-178679-5		480-178679-7	
					Sample Date	11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020	
					Sample Type Code	N		N		N		N		N		N		N		FD		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	1900	U	2000	U	1900	U	1800	U	2000	U	1700	U	1900	U	11000	U	11000	U	2100	U	2100	U	11000	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	200	U	210	U	69	J	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	200	UJ	210	UJ	190	UJ	190	UJ	200	UJ	170	UJ	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	52	J	60	J	140	J	74	J	61	J	64	J	36	J	230	J	1100	U	210	U	210	U	280	J
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	70	J	72	J	160	J	85	J	86	J	100	J	71	J	320	J	330	J	33	J	47	J	390	J
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	81	J	110	J	170	J	110	J	91	J	99	J	92	J	370	J	450	J	45	J	49	J	390	J
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	48	J	54	J	98	J	69	J	54	J	82	J	67	J	210	J	250	J	29	J	40	J	270	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	33	J	210	U	70	J	45	J	45	J	41	J	42	J	200	J	170	J	210	U	210	U	240	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	200	UJ	210	UJ	190	UJ	190	UJ	200	UJ	170	UJ	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	590	J	770	J	210	U	210	U	1100	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	60	J	69	J	130	J	84	J	200	U	72	J	45	J	260	J	260	J	210	U	210	U	300	J
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	100	J	120	J	380		170	J	120	J	120	J	98	J	550	J	520	J	46	J	69	J	590	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	200	UJ	210	UJ	190	UJ	190	UJ	200	UJ	170	UJ	190	UJ	1100	UJ	1100	UJ	210	UJ	210	UJ	1100	UJ
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	45	J	51	J	86	J	64	J	56	J	77	J	53	J	180	J	180	J	210	U	28	J	230	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	200	UJ	210	UJ	190	UJ	190	UJ	200	UJ	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	380	U	400	U	380	U	370	U	390	U	330	U	370	U	2200	U	2200	U	410	U	420	U	2200	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	200	U	50	J	260		55	J	200	U	52	J	190	U	1100	U	1100	U	210	U	210	U	220	J
SW8270D	NA	Phenol	108-95-2	ug/kg	200	U	210	U	190	U	190	U	200	U	170	U	190	U	1100	U	1100	U	210	U	210	U	1100	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	72	J	89	J	250		120	J	92	J	98	J	74	J	400	J	350	J	30	J	40	J	480	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg													19	U	44	U	15	J	2.1	U	2.1	U	43	U
SW8081B	NA	Aldrin	309-00-2	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg													19	U	44	U	43	U	2.1	U	0.72	J	43	U
SW8081B	NA	Dieldrin	60-57-1	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Endrin	72-20-8	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg													19	U	44	U	43	U	0.66	J	2.1	U	43	U

				Location ID	WSP-SED-11		WSP-SED-11		WSP-SED-11		WSP-SED-13		WSP-SED-13		WSP-SED-13		WSP-SS-01		WSP-SS-02		WSP-SS-02		WSP-SS-03		WSP-SS-04		WSP-SS-05	
				Sample ID	SP-SED-11_0.0-0.5-202011		SP-SED-11_0.5-1.0-202011		SP-SED-11_1.0-2.0-202011		SP-SED-13_0.0-0.5-202011		SP-SED-13_0.5-1.0-202011		SP-SED-13_1.0-2.0-202011		SP-SS-01_0.0-2.0-202011		SS-02_0.0-2.0 DUP-2020		SP-SS-02_0.0-2.0-202011		SP-SS-03_0.0-2.0-202011		SP-SS-04_0.0-2.0-202011		SP-SS-05_0.0-2.0-202011	
					0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801783321		4801783321		4801783321		4801783321		4801783321		4801783321		4801786791		4801786791		4801786791		4801786791		4801786791		4801786791	
				Lab Sample ID	480-178332-11		480-178332-12		480-178332-13		480-178332-14		480-178332-15		480-178332-30		480-178679-1		480-178679-3		480-178679-2		480-178679-4		480-178679-5		480-178679-7	
				Sample Date	11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/16/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020		11/19/2020	
				Sample Type Code	N		N		N		N		N		N		N		FD		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Heptachlor	76-44-8	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg													19	U	44	U	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Methoxychlor	72-43-5	ug/kg													19	U	8.9	JN	43	U	2.1	U	2.1	U	43	U
SW8081B	NA	Toxaphene	8001-35-2	ug/kg													190	U	440	U	430	U	21	U	21	U	430	U
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg													0.25	U	0.27	U	0.29	U	0.26	U	0.25	U	0.28	U
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg													19	UJ	22	U	21	U	21	U	21	U	22	U
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg													19	UJ	22	U	21	U	21	U	21	U	22	U
SW8151A	NA	Dinoseb	88-85-7	ug/kg													19	UJ	22	U	21	U	21	U	21	U	22	U
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg													19	UJ	22	U	21	U	21	U	21	U	22	U
SW6010C	T	Aluminum	7429-90-5	mg/kg	12000		12300		11900		10200		11700		8590		5040		11400		11200		8560		6270		11900	
SW6010C	T	Antimony	7440-36-0	mg/kg	16.5	U	18.3	U	17.4	U	16.7	U	18.9	U	15.4	U	17.6	U	21	U	19.2	U	19.2	U	19.6	U	19.9	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	6.2		6.5		6.7		7		6.2		5.9		7.4		8.3		7.5		5.6		6		9	
SW6010C	T	Barium	7440-39-3	mg/kg	119		123		116		99.8		109		83.6		36.8	J+	121	J+	119	J+	81.6	J+	77.9	J+	146	J+
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.55		0.58		0.61		0.46		0.54		0.45		0.26		0.56		0.53		0.48		0.27		0.62	
SW6010C	T	Boron	7440-42-8	mg/kg	4.1		4.3		4		3.8		4.6		2.9		3.7		9.1		8.7		3.9		6.8		6.5	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.22	U	0.24	U	0.23	U	0.22	U	0.25	U	0.14	J	0.14	J	2.5		2.6		0.27		0.21	J	0.6	
SW6010C	T	Calcium	7440-70-2	mg/kg	3630		2970		2120		2780		2920		1670		42000		5340		4430		1340		14100		2880	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg													0.91	U	2.1	U	2.1	U	2	U	2	U	2.1	U
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg													7.9		17.8		17.2		11.2		10.1		16	
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	14		14.1		13.8		12.1		13.5		10.2		7.9		17.8		17.2		11.2	J+	10.1	J+	16	J+
SW6010C	T	Cobalt	7440-48-4	mg/kg	10.1		10.7		11.4		10.4		9.9		10.6		6.4		9.3		9.2		7.9		5.6		8.9	
SW6010C	T	Copper	7440-50-8	mg/kg	14.1		14.1		14.7		13.7		13.6		11.3		17.9		27		26.8		13		20.1		26.9	
SW6010C	T	Iron	7439-89-6	mg/kg	19500		20000		19800		18700		19200		15800		15500		20900		20800		13600		12900		18600	
SW6010C	T	Lead	7439-92-1	mg/kg	18.9		19.9		24.2		22.6		17.7		16.9		14.2		80.8		79.7		25.3		21.2		139	
SW6010C	T	Magnesium	7439-95-4	mg/kg	3400		3360		2980		3040		3400		2220		3040		3250		3090		1990	J+	6830	J+	2630	J+
SW6010C	T	Manganese	7439-96-5	mg/kg	671		713		666		643		643		507		412		472		462		326	J+	436	J+	510	J+
SW7471B	T	Mercury	7439-97-6	mg/kg	0.03		0.035		0.043		0.023		0.026		0.02		0.01	J	0.23		0.24		0.079		0.021	J	0.13	
SW6010C	T	Nickel	7440-02-0	mg/kg	22.3		23.1		23.6		20.4		21.3		19.5		16.5		22.8		22.5		15.2		12.7		21.2	
SW6010C	T	Potassium	7440-09-7	mg/kg	1520		1580		1510		1440		1660		1120		1150		2190		2110		1630		1370		1890	
SW6010C	T	Selenium	7782-49-2	mg/kg	4.4	U	4.9	U	4.6	U	4.5	U	5	U	4.1	U	4.7	U	0.74	J	0.58	J	5.1	U	5.2	U	1.2	J
SW6010C	T	Silver	7440-22-4	mg/kg	0.66	U	0.73	U	0.69	U	0.67	U	0.75	U	0.62	U	0.7	U	0.29	J	0.26	J	0.26	J	0.79	U	0.8	U
SW6010C	T	Sodium	7440-23-5	mg/kg	70	J	73.7	J	78.5	J	66.8	J	76.1	J	75.7	J	60.7	J	74.3	J	71.6	J	42.7	J	61.9	J	94.4	J
SW6010C	T	Thallium	7440-28-0	mg/kg	6.6	U	7.3	U	6.9	U	6.7	U	7.5	U	6.2	U	7	U	8.4	U	7.7	U	7.7	U	7.9	U	8	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	17.6		18.3		17.6		15.3		17.6		13		11		18.7		18.4		12.7		11.4		20	
SW6010C	T	Zinc	7440-66-6	mg/kg	67.9		71.7		80.4		67.3		69.1		68.4		46.5		146		147		68.3		64.3		138	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.0085	J	0.0076	J	0.015	U	0.0068	J	0.0061	J
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.63	J	0.59	J	0.52	J	0.56	J	0.54	J	0.35	J	0.35	J	0.41	J	0.37	J	0.26	J	0.49	J	0.38	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.00086	J	0.00064	J	0.002	U	0.00055	J	0.00062	J	0.0005	J	0.00095	J	0.0077		0.0073		0.00077	J	0.001	J	0.00088	J
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.02	U	0.0041	J	0.012	J	0.0038	J	0.0032	J	0.02	U	0.02	U	0.022		0.0095	J	0.0081	J	0.02	U	0.021	
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg													1.1	U	1.3	U	1.2	U	1.1	U	1.1	U	1.3	UJ
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg	11600		10600		13800		9760		11700		7050													
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg													129		462		351		188		185		375	

					Location ID	WSP-SS-06		WSP-SS-07		WSP-SS-08		WSP-SS-09		WSP-SS-10		WSP-SS-11		WSP-SS-12		WSP-SS-13		WSP-SS-14		WSP-SS-15		WSP-SS-16		WSP-TP-01	
					Sample ID	SP-SS-06_0.0-2.0-202011		SP-SS-07_0.0-2.0-202011		SP-SS-08_0.0-2.0-202011		SP-SS-09_0.0-2.0-202011		SP-SS-10_0.0-2.0-202011		SP-SS-11_0.0-2.0-202011		SP-SS-12_0.0-2.0-202011		SP-SS-13_0.0-2.0-202011		SP-SS-14_0.0-2.0-202011		SP-SS-15_0.0-2.0-202011		SP-SS-16_0.0-2.0-202011		WSP-TP-01_0.0-0.5	
						0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 0.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801786791		4801786791		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801777721	
					Lab Sample ID	480-178679-6		480-178679-8		480-178605-8		480-178605-9		480-178605-7		480-178605-6		480-178605-5		480-178605-4		480-178605-3		480-178605-2		480-178605-1		480-177772-5	
					Sample Date	11/19/2020		11/19/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/5/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg	2.3	U	2.4	U	2.5	U	2.5	U	2.5	U	2.4	U	2.6	U	2.4	U	2.2	U	2.5	U	2.5	U		
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg	2.3	U	2.4	U	2.5	U	2.5	U	2.5	U	2.4	U	2.6	U	2.4	U	2.2	U	2.5	U	2.5	U		
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg	0.12	J	0.24	U	0.25	U	0.034	J	0.25	U	0.24	U	0.26	U	0.24	U	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg	0.22	J	0.17	J	0.24	J	0.25	U	0.31		0.24	U	0.14	J	0.39		0.12	J	0.3		0.2	J		
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg	0.084	J	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.24	U	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg	0.4		0.055	J	0.062	J	0.11	J	0.07	J	0.088	J	0.098	J	0.072	J	0.17	J	0.064	J	0.058	J		
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg	0.15	J	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.24	U	0.087	J	0.25	U	0.25	U		
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg	0.23	U	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.24	U	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg	0.17	J	0.081	J	0.13	J	0.25	U	0.12	J	0.082	J	0.12	J	0.1	J	0.14	J	0.13	J	0.087	J		
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg	0.11	J	0.24	U	0.25	U	0.25	U	0.045	J	0.24	U	0.053	J	0.24	U	0.042	J	0.25	U	0.25	U		
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg	0.1	J	0.054	J	0.082	J	0.25	U	0.085	J	0.24	U	0.078	J	0.095	J	0.1	J	0.13	J	0.25	U		
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg	0.21	J	0.099	J	0.12	J	0.13	J	0.16	J	0.12	J	0.15	J	0.12	J	0.13	J	0.14	J	0.13	J		
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg	0.23	U	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.24	U	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	4.9		0.57	J	0.54	J	0.69		1.4		0.41	J	0.32	J	0.64		1.1		0.82		0.43	J		
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.58		0.14	J	0.24	J	0.14	J	0.28		0.1	J	0.17	J	0.26		0.34		0.28		0.17	J		
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg	0.098	J	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.1	J	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg	0.073	J	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.24	U	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg	0.23	U	0.24	U	0.25	U	0.25	U	0.25	U	0.24	U	0.26	U	0.24	U	0.22	U	0.25	U	0.25	U		
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg	0.12	J	0.06	J	0.06	J	0.093	J	0.061	J	0.1	J	0.071	J	0.061	J	0.08	J	0.052	J	0.052	J		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg	2.3	U	2.4	U	2.5	U	2.5	U	2.5	U	2.4	U	2.6	U	2.4	U	2.2	U	2.5	U	2.5	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg	2.3	U	2.4	U	2.5	U	2.5	U	2.5	U	2.4	U	2.6	U	2.4	U	2.2	U	2.5	U	2.5	U		
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	5.4	UJ	5	U	5.1	U	7.1	UJ	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg	5.4	UJ	5	U	5.1	U	7.1	UJ	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	2-Hexanone	591-78-6	ug/kg	27	U	25	U	26	U	36	U	29	U	27	U	33	U	27	U	27	UJ	29	U	29	U		
SW8260C	NA	Acetone	67-64-1	ug/kg	27	U	25	U	26	U	12	J	29	U	27	U	33	U	27	U	27	UJ	29	U	29	U		
SW8260C	NA	Benzene	71-43-2	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Bromoform	75-25-2	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Bromomethane	74-83-9	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Chloroethane	75-00-3	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Chloroform	67-66-3	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Chloromethane	74-87-3	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Cyclohexane	110-82-7	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg	9.2	J	25	U	26	U	6.1	J	29	U	31		33	U	24	J	27	U	29	U	29	U		
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg	27	U	25	U	26	U	36	U	29	U	27	U	33	U	27	U	27	UJ	29	U	29	U		
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg	27	U	25	U	26	U	36	U	29	U	27	U	33	U	27	U	27	U	29	U	29	U		
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Styrene	100-42-5	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Toluene	108-88-3	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	UJ	5.9	U	5.8	U		
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg	5.4	U	5	U	5.1	U	7.1	U	5.7	U	5.4	U	6.7	U	5.5	U	5.4	U	5.9	U	5.8	U		
SW8260C	NA	Xylenes	1330-20-7	ug/kg	11	U	9.9	U	10	U	14	U	11	U	11	U	13	U	11	U	11	UJ	12	U	12	U		
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	580	U	130	U	130	U	650	U	130	U	630	U	140	U	130	U	120	U	130	U	640	U	650	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U

PARSONS

					Location ID	WSP-SS-06		WSP-SS-07		WSP-SS-08		WSP-SS-09		WSP-SS-10		WSP-SS-11		WSP-SS-12		WSP-SS-13		WSP-SS-14		WSP-SS-15		WSP-SS-16		WSP-TP-01	
					Sample ID	SP-SS-06_0.0-2.0-202011		SP-SS-07_0.0-2.0-202011		SP-SS-08_0.0-2.0-202011		SP-SS-09_0.0-2.0-202011		SP-SS-10_0.0-2.0-202011		SP-SS-11_0.0-2.0-202011		SP-SS-12_0.0-2.0-202011		SP-SS-13_0.0-2.0-202011		SP-SS-14_0.0-2.0-202011		SP-SS-15_0.0-2.0-202011		SP-SS-16_0.0-2.0-202011		WSP-TP-01_0.0-0.5	
						0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 0.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801786791		4801786791		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801777721	
					Lab Sample ID	480-178679-6		480-178679-8		480-178605-8		480-178605-9		480-178605-7		480-178605-6		480-178605-5		480-178605-4		480-178605-3		480-178605-2		480-178605-1		480-177772-5	
					Sample Date	11/19/2020		11/19/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/5/2020	
					Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																									
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	9600	U	2200	U	2100	U	11000	U	2100	U	11000	U	2400	U	2100	U	2000	U	2200	U	11000	U	11000	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	36	J	220	U	1100	U	1100	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	980	U	220	U	210	U	1100	U	220	U	140	J	240	U	220	U	30	J	220	U	1100	U	1100	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	120	J	220	U	350	J	1100	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	980	U	220	U	46	J	180	J	220	U	1100	U	29	J	65	J	200		220	U	790	J	150	J
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	980	U	60	J	68	J	320	J	43	J	310	J	52	J	89	J	230		37	J	820	J	280	J
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	200	J	78	J	110	J	340	J	48	J	330	J	55	J	120	J	280		38	J	920	J	330	J
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	120	J	40	J	49	J	250	J	33	J	250	J	38	J	82	J	150	J	220	U	460	J	210	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	980	U	220	U	58	J	1100	U	220	U	1100	U	31	J	43	J	130	J	220	U	480	J	180	J
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	1300		220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	300		220	U	1100	U	1100	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	50	J	220	U	1100	U	1100	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	980	U	220	U	90	J	1100	U	220	U	1100	U	240	U	72	J	250		220	U	740	J	1100	U
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	41	J	220	U	1100	U	1100	U
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	46	J	220	U	1100	U	1100	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	61	J	200	U	220	U	1100	U	1100	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	35	J	220	U	1100	U	1100	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	190	J	120	J	180	J	410	J	51	J	180	J	77	J	120	J	490		42	J	1700		400	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	48	J	220	U	180	J	1100	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	980	UJ	220	UJ	210	UJ	1100	UJ	220	UJ	1100	UJ	240	UJ	220	UJ	200	UJ	220	UJ	1100	UJ	1100	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	980	U	35	J	40	J	210	J	220	U	190	J	33	J	58	J	140	J	220	U	390	J	170	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	1900	U	430	U	420	U	2100	U	420	U	2100	U	470	U	420	U	390	U	430	U	2100	U	2200	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	980	U	40	J	44	J	1100	U	220	U	1100	U	240	U	33	J	440		220	U	850	J	1100	U
SW8270D	NA	Phenol	108-95-2	ug/kg	980	U	220	U	210	U	1100	U	220	U	1100	U	240	U	220	U	200	U	220	U	1100	U	1100	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	140	J	70	J	130	J	340	J	41	J	170	J	240	U	110	J	380		33	J	1500		260	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg	19	U	2.1	U	2.1	U	21	U	0.63	J	42	U	0.6	J	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	1.8	J	2	U	2.2	U	42	U		
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg	19	U	2.1	U	0.87	J	21	U	2.1	U	42	U	0.93	J	2.6		2	U	0.89	J	42	U		
SW8081B	NA	Aldrin	309-00-2	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	UJ	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg	19	U	2.1	U	1.6	J	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	1.2	J	42	U		
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg	19	U	2.1	U	1.3	J	21	U	0.7	J	42	U	19		0.79	J	2	U	2.2	U	42	U		
SW8081B	NA	Dieldrin	60-57-1	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Endrin	72-20-8	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	0.53	J	2.2	U	42	U		
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		

				Location ID	WSP-SS-06		WSP-SS-07		WSP-SS-08		WSP-SS-09		WSP-SS-10		WSP-SS-11		WSP-SS-12		WSP-SS-13		WSP-SS-14		WSP-SS-15		WSP-SS-16		WSP-TP-01	
				Sample ID	SP-SS-06_0.0-2.0-202011		SP-SS-07_0.0-2.0-202011		SP-SS-08_0.0-2.0-202011		SP-SS-09_0.0-2.0-202011		SP-SS-10_0.0-2.0-202011		SP-SS-11_0.0-2.0-202011		SP-SS-12_0.0-2.0-202011		SP-SS-13_0.0-2.0-202011		SP-SS-14_0.0-2.0-202011		SP-SS-15_0.0-2.0-202011		SP-SS-16_0.0-2.0-202011		WSP-TP-01_0.0-0.5	
					0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 2 in		0 - 0.5 ft	
				Matrix	SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO		SO	
				SDG	4801786791		4801786791		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801786051		4801777721	
				Lab Sample ID	480-178679-6		480-178679-8		480-178605-8		480-178605-9		480-178605-7		480-178605-6		480-178605-5		480-178605-4		480-178605-3		480-178605-2		480-178605-1		480-177772-5	
				Sample Date	11/19/2020		11/19/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/20/2020		11/5/2020	
				Sample Type Code	N		N		N		N		N		N		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																								
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	1.8	J	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Heptachlor	76-44-8	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg	19	U	2.1	U	2.1	U	21	U	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg	19	U	2.1	U	1.1	J	21	U	2.1	U	42	U	0.89	J	0.7	J	0.59	J	2.2	U	42	U		
SW8081B	NA	Methoxychlor	72-43-5	ug/kg	19	U	2.1	U	2.1	U	9.7	J	2.1	U	42	U	2.4	U	2.1	U	2	U	2.2	U	42	U		
SW8081B	NA	Toxaphene	8001-35-2	ug/kg	190	U	21	U	21	U	210	U	21	U	420	U	24	U	21	U	20	U	22	U	420	U		
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.15	J		
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.3	U		
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg	0.29	U	0.28	U	0.31	U	0.32	U	0.31	U	0.3	U	0.33	U	0.29	U	0.28	U	0.32	U	0.15	J		
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg	19	U	22	U	21	U	21	U	21	U	21	U	23	U	21	U	20	U	22	U	21	U		
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg	19	U	22	U	21	U	21	U	21	U	21	U	23	U	21	U	20	U	22	U	21	U		
SW8151A	NA	Dinoseb	88-85-7	ug/kg	19	U	22	U	21	U	21	U	21	U	21	U	23	U	21	U	20	U	22	U	21	U		
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg	19	U	22	U	21	U	21	U	21	U	21	U	23	U	21	U	20	U	22	U	21	U		
SW6010C	T	Aluminum	7429-90-5	mg/kg	10600		11500		12400		9470		13600		9500		9380		13100		9640	J	12200		12300		11800	
SW6010C	T	Antimony	7440-36-0	mg/kg	18.2	U	19	U	19.2	U	19.6	U	19.8	U	18.5	U	21.7	U	20	U	16.8	UJ	20	U	20.2	U	20.2	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	9.4		7.6		7.6		6.4		8.3		5.7		6.3		9.6		8.4		7.2		8.7		11.9	
SW6010C	T	Barium	7440-39-3	mg/kg	144	J+	133	J+	123		111		147		90.1		139		158		83.2	J	125		136		157	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.56		0.52		0.55		0.49		0.61		0.44		0.45		0.6		0.46		0.57		0.59		0.65	
SW6010C	T	Boron	7440-42-8	mg/kg	9.7		4.8		5.1		7.3		6.5		5.1		6.8		7.5		6.5		7		5.3		6.5	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.9		0.62		0.22	J	0.47		0.42		0.17	J	0.18	J	0.44		0.27		0.13	J	0.62		0.52	
SW6010C	T	Calcium	7440-70-2	mg/kg	4820		1880		2310		3310		3240		6390		5980		3200		2860		3010		2860		3280	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg	1.9	U	1	U	1	U	1	U	1	U	1	U	1.1	U	1	U	0.95	U	1.1	U	1	U		
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg	17.6		14.9		15		12.3		17.5		11.4		10.8		17.4		13.1		15.9		14.5			
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	17.6	J+	14.9	J+	15		12.3		17.5		11.4		10.8		17.4		13.1		15.9		14.5		15.7	
SW6010C	T	Cobalt	7440-48-4	mg/kg	9.2		10.1		9.7		7.5		10.4		7.1		7.3		10.4		7.5		9.6		9.9		8.7	
SW6010C	T	Copper	7440-50-8	mg/kg	30.6		19.6		22.1		18.7		21.4		17.3		18.8		25.4		17.7		15.9		25.9		28.3	
SW6010C	T	Iron	7439-89-6	mg/kg	22100		20600		22500		16100		23200		17100		16300		29300		17300		21100		20400		40600	
SW6010C	T	Lead	7439-92-1	mg/kg	152		51.2		34.5		84.5		49.1		43		18		137		39.8		25.6		124		61.5	
SW6010C	T	Magnesium	7439-95-4	mg/kg	2750	J+	2920	J+	3180		2370		3340		3570		2410		3250		2580		3260		2780		2220	
SW6010C	T	Manganese	7439-96-5	mg/kg	451	J+	438	J+	476		441		494		402		628		551		395		551		712		424	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.27		0.026		0.025		0.073		0.034		0.046		0.027		0.095		0.047		0.046		0.17		0.082	
SW6010C	T	Nickel	7440-02-0	mg/kg	21.6		22.2		21.9		16.7		23		16.9		15.8		24.5		17.1		21.6		21.2		20.4	
SW6010C	T	Potassium	7440-09-7	mg/kg	2140		2620		2160		1830		2810		1830		1780		2580		1910	J	2370		1960		1740	
SW6010C	T	Selenium	7782-49-2	mg/kg	1.5	J	0.67	J	2.1	J	2.2	J	2.5	J	1.8	J	2.1	J	2.7	J	1.8	J	2.3	J	2.5	J	2.3	J
SW6010C	T	Silver	7440-22-4	mg/kg	0.29	J	0.76	U	0.29	J	0.34	J	0.33	J	0.36	J	0.87	U	0.41	J	0.22	J	0.27	J	0.3	J	0.81	U
SW6010C	T	Sodium	7440-23-5	mg/kg	161	J	50.6	J	46.4	J	82.9	J	53	J	48.2	J	36.1	J	51.3	J	42.3	J	48	J	52.2	J	174	J
SW6010C	T	Thallium	7440-28-0	mg/kg	7.3	U	7.6	U	7.7	U	7.9	U	7.9	U	7.4	U	8.7	U	8	U	6.7	U	8	U	8.1	U	8.1	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	17.7		17.4		18.4		14.9		20.4		15.6		13.6		20.2		14.1		18.6		19		21.2	
SW6010C	T	Zinc	7440-66-6	mg/kg	220		190		108		104		132		65.1		61.9		198		72.5		71.6		121		90.5	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.0078	J	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.0066	J	0.0098	J	0.015	U	0.0068	J	0.0082	J
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.53	J	0.39	J	0.33	J	0.27	J	0.36	J	0.37	J	0.37	J	0.41	J	0.27	J	0.31	J	0.33	J	0.4	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.0036		0.0021		0.00057	J	0.001	J	0.00075	J	0.0005	J	0.002	U	0.00092	J	0.00059	J	0.002	U	0.0012	J	0.0012	J
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.015	J	0.016	J	0.0043	J	0.0087	J	0.0079	J	0.0055	J	0.02	U	0.032		0.0063	J	0.02	U	0.011	J	0.012	J
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg	1.1	U	1.3	U	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U	1.2	U	1.1	UJ	1.3	U	1.2	U		
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																						
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg	131		187		238		197		170		499		186		271		221		152		506			

PARSONS

					Location ID	WSP-TP-01		WSP-TP-01		WSP-TP-02		WSP-TP-02		WSP-TP-03		WSP-TP-03		WSP-TP-04A		WSP-TP-04A	
					Sample ID	WSP-TP-01_4.5-5.0		WSP-TP-01_4.5-5.0 DUP		WSP-TP-02_1.0-1.5		WSP-TP-02_4.0-4.5		WSP-TP-03_0.5-1.0		WSP-TP-03_4.0-4.5		WSP-TP-04A_1.0-1.5		WSP-TP-04A_4.0-4.5	
						4.5 - 5 ft		4.5 - 5 ft		1 - 1.5 ft		4 - 4.5 ft		0.5 - 1 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801777721		4801777721		4801777721		4801777721		4801777721		4801777721		4801778881		4801778881	
					Lab Sample ID	480-177772-3		480-177772-4		480-177772-6		480-177772-7		480-177772-1		480-177772-2		480-177888-2		480-177888-1	
					Sample Date	11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/6/2020		11/6/2020	
					Sample Type Code	N		FD		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																	
E537(M)	ORG	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	ug/kg	2.2	UJ	2.2	U	2.3	U			2.5	U			2.2	U		
E537(M)	ORG	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	ug/kg	2.2	UJ	2.2	U	2.3	U			2.5	U			2.2	U		
E537(M)	ORG	Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluorobutanoic Acid	375-22-4	ug/kg	0.22	U	0.22	U	0.22	J			0.3				0.25			
E537(M)	ORG	Perfluorodecane Sulfonic Acid	335-77-3	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluorodecanoic acid (PFDA)	335-76-2	ug/kg	0.028	J	0.22	U	0.23	U			0.028	J			0.03	J		
E537(M)	ORG	Perfluorododecanoic acid (PFDoA)	307-55-1	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/kg	0.22	U	0.22	U	0.23	U			0.076	J			0.042	J		
E537(M)	ORG	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/kg	0.22	U	0.041	J	0.039	J			0.045	J			0.22	U		
E537(M)	ORG	Perfluorohexanoic acid (PFHxA)	307-24-4	ug/kg	0.22	U	0.22	U	0.23	U			0.08	J			0.074	J		
E537(M)	ORG	Perfluorononanoic acid (PFNA)	375-95-1	ug/kg	0.063	J	0.13	J	0.23	U			0.058	J			0.041	J		
E537(M)	ORG	Perfluorooctane Sulfonamide (FOSA)	754-91-6	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	0.77		0.67		0.57	UJ			0.63	UJ			0.43	J		
E537(M)	ORG	Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.22	U	0.14	J	0.23	U			0.26				0.13	J		
E537(M)	ORG	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg	0.22	U	0.088	J	0.23	U			0.12	J			0.22	U		
E537(M)	ORG	Perfluorotetradecanoic acid (PFTA)	376-06-7	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg	0.22	U	0.22	U	0.23	U			0.25	U			0.22	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	ug/kg	2.2	U	2.2	U	2.3	U			2.5	U			2.2	U		
E537(M)	ORG	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	ug/kg	2.2	U	2.2	U	2.3	U			2.5	U			2.2	U		
SW8260C	NA	1,1,1-Trichloroethane (TCA)	71-55-6	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	1,1,2-Trichloroethane	79-00-5	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,1-Dichloroethane	75-34-3	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	1,1-Dichloroethene	75-35-4	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	1,2,4-Trichlorobenzene	120-82-1	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,2,4-Trimethylbenzene	95-63-6	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,2-Dibromo-3-Chloropropane	96-12-8	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	UJ		
SW8260C	NA	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,2-Dichlorobenzene	95-50-1	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,2-Dichloroethane	107-06-2	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	1,2-Dichloropropane	78-87-5	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,3-Dichlorobenzene	541-73-1	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	1,4-Dichlorobenzene	106-46-7	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	2-Hexanone	591-78-6	ug/kg	57	U	69	U	44	U			35	U			26	U		
SW8260C	NA	Acetone	67-64-1	ug/kg	57	U	69	U	44	U			35	U			26	U		
SW8260C	NA	Benzene	71-43-2	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Bromodichloromethane	75-27-4	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Bromoform	75-25-2	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Bromomethane	74-83-9	ug/kg	11	UJ	14	UJ	8.8	UJ			7	UJ			5.3	UJ		
SW8260C	NA	Carbon Disulfide	75-15-0	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Carbon Tetrachloride	56-23-5	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Chlorobenzene	108-90-7	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Chloroethane	75-00-3	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Chloroform	67-66-3	ug/kg	1.7	J	2.3	J	8.8	U			7	U			5.3	U		
SW8260C	NA	Chloromethane	74-87-3	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Cis-1,2-Dichloroethylene	156-59-2	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Cis-1,3-Dichloropropene	10061-01-5	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Cyclohexane	110-82-7	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Dibromochloromethane	124-48-1	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Dichlorodifluoromethane	75-71-8	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Ethylbenzene	100-41-4	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Isopropylbenzene (Cumene)	98-82-8	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Methyl Acetate	79-20-9	ug/kg	57	U	69	U	44	U			35	U			26	U		
SW8260C	NA	Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/kg	57	U	69	U	44	U			35	UJ			26	U		
SW8260C	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/kg	57	U	69	U	44	U			35	U			26	U		
SW8260C	NA	Methylcyclohexane	108-87-2	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Methylene Chloride	75-09-2	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	N-Butylbenzene	104-51-8	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	N-Propylbenzene	103-65-1	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Sec-Butylbenzene	135-98-8	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Styrene	100-42-5	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	T-Butylbenzene	98-06-6	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Tert-Butyl Methyl Ether	1634-04-4	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Tetrachloroethylene (PCE)	127-18-4	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Toluene	108-88-3	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Trans-1,2-Dichloroethene	156-60-5	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Trans-1,3-Dichloropropene	10061-02-6	ug/kg	11	U	14	U	8.8	U			7	UJ			5.3	U		
SW8260C	NA	Trichloroethylene (TCE)	79-01-6	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Trichlorofluoromethane	75-69-4	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Vinyl Chloride	75-01-4	ug/kg	11	U	14	U	8.8	U			7	U			5.3	U		
SW8260C	NA	Xylenes	1330-20-7	ug/kg	23	U	28	U	18	U			14	UJ			11	U		
SW8270D	NA	1,4-Dioxane (P-Dioxane)	123-91-1	ug/kg	590	U	1200	U	610	U	120	U	640	U	130	U	110	U	110	U
SW8270D	NA	2,4,5-Trichlorophenol	95-95-4	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2,4,6-Trichlorophenol	88-06-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U

					Location ID	WSP-TP-01		WSP-TP-01		WSP-TP-02		WSP-TP-02		WSP-TP-03		WSP-TP-03		WSP-TP-04A		WSP-TP-04A	
					Sample ID	WSP-TP-01_4.5-5.0		WSP-TP-01_4.5-5.0 DUP		WSP-TP-02_1.0-1.5		WSP-TP-02_4.0-4.5		WSP-TP-03_0.5-1.0		WSP-TP-03_4.0-4.5		WSP-TP-04A_1.0-1.5		WSP-TP-04A_4.0-4.5	
						4.5 - 5 ft		4.5 - 5 ft		1 - 1.5 ft		4 - 4.5 ft		0.5 - 1 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801777721		4801777721		4801777721		4801777721		4801777721		4801777721		4801778881		4801778881	
					Lab Sample ID	480-177772-3		480-177772-4		480-177772-6		480-177772-7		480-177772-1		480-177772-2		480-177888-2		480-177888-1	
					Sample Date	11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/6/2020		11/6/2020	
					Sample Type Code	N		FD		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																	
SW8270D	NA	2,4-Dichlorophenol	120-83-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2,4-Dimethylphenol	105-67-9	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2,4-Dinitrophenol	51-28-5	ug/kg	9800	U	20000	U	10000	U	1900	U	11000	U	2200	U	1900	U	1800	U
SW8270D	NA	2,4-Dinitrotoluene	121-14-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2,6-Dinitrotoluene	606-20-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2-Chloronaphthalene	91-58-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2-Chlorophenol	95-57-8	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	2-Methylnaphthalene	91-57-6	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2-Methylphenol (O-Cresol)	95-48-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	2-Nitroaniline	88-74-4	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	2-Nitrophenol	88-75-5	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	3,3'-Dichlorobenzidine	91-94-1	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	3-Nitroaniline	99-09-2	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	4,6-Dinitro-2-Methylphenol	534-52-1	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	4-Bromophenyl Phenyl Ether	101-55-3	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	4-Chloro-3-Methylphenol	59-50-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	4-Chloroaniline	106-47-8	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	4-Chlorophenyl Phenyl Ether	7005-72-3	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	4-Methylphenol (P-Cresol)	106-44-5	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	4-Nitroaniline	100-01-6	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	4-Nitrophenol	100-02-7	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	Acenaphthene	83-32-9	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Acenaphthylene	208-96-8	ug/kg	1000	U	2000	U	260	J	55	J	140	J	40	J	230		190	U
SW8270D	NA	Acetophenone	98-86-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Anthracene	120-12-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	82	J	190	U
SW8270D	NA	Atrazine	1912-24-9	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Benzaldehyde	100-52-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Benzo(A)Anthracene	56-55-3	ug/kg	1000	U	2000	U	580	J	110	J	1100		91	J	250		32	J
SW8270D	NA	Benzo(A)Pyrene	50-32-8	ug/kg	150	J	2000	U	790	J	120	J	1600		110	J	380		40	J
SW8270D	NA	Benzo(B)Fluoranthene	205-99-2	ug/kg	170	J	2000	U	930	J	160	J	2500		150	J	410		39	J
SW8270D	NA	Benzo(G,H,I)Perylene	191-24-2	ug/kg	1000	U	2000	U	510	J	120	J	1400		100	J	330		38	J
SW8270D	NA	Benzo(K)Fluoranthene	207-08-9	ug/kg	1000	U	2000	U	370	J	71	J	880	J	52	J	160	J	190	U
SW8270D	NA	Benzyl Butyl Phthalate	85-68-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Biphenyl (Diphenyl)	92-52-4	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Bis(2-Chloroethoxy) Methane	111-91-1	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Bis(2-Chloroisopropyl) Ether	108-60-1	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	UJ	190	UJ
SW8270D	NA	Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Caprolactam	105-60-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Carbazole	86-74-8	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Chrysene	218-01-9	ug/kg	1000	U	2000	U	520	J	160	J	1000	J	120	J	270		190	U
SW8270D	NA	Dibenz(A,H)Anthracene	53-70-3	ug/kg	1000	U	2000	U	1000	U	44	J	390	J	220	U	94	J	190	U
SW8270D	NA	Dibenzofuran	132-64-9	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Diethyl Phthalate	84-66-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Dimethyl Phthalate	131-11-3	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Di-N-Butyl Phthalate	84-74-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Di-N-Octylphthalate	117-84-0	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Fluoranthene	206-44-0	ug/kg	230	J	2000	U	1000		180	J	1700		150	J	390		36	J
SW8270D	NA	Fluorene	86-73-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	34	J	190	U
SW8270D	NA	Hexachlorobenzene	118-74-1	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Hexachlorobutadiene	87-68-3	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Hexachlorocyclopentadiene	77-47-4	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Hexachloroethane	67-72-1	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/kg	1000	U	2000	U	440	J	81	J	1300		74	J	280		38	J
SW8270D	NA	Isophorone	78-59-1	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Naphthalene	91-20-3	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	30	J	190	U
SW8270D	NA	Nitrobenzene	98-95-3	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	N-Nitrosodi-N-Propylamine	621-64-7	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	N-Nitrosodiphenylamine	86-30-6	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Pentachlorophenol	87-86-5	ug/kg	2000	U	3900	U	2000	U	390	U	2100	U	430	U	370	U	370	U
SW8270D	NA	Phenanthrene	85-01-8	ug/kg	1000	U	2000	U	1000	U	110	J	600	J	110	J	140	J	190	U
SW8270D	NA	Phenol	108-95-2	ug/kg	1000	U	2000	U	1000	U	200	U	1100	U	220	U	190	U	190	U
SW8270D	NA	Pyrene	129-00-0	ug/kg	140	J	2000	U	900	J	160	J	1400		160	J	390		40	J
SW8081B	NA	P,P'-DDD	72-54-8	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	P,P'-DDE	72-55-9	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	P,P'-DDT	50-29-3	ug/kg	20	U	7.4	J	16	J			19	J			7.6	J		
SW8081B	NA	Aldrin	309-00-2	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	cis-Chlordane	5103-71-9	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	trans-Chlordane	5103-74-2	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Dieldrin	60-57-1	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Alpha Endosulfan	959-98-8	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Beta Endosulfan	33213-65-9	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Endosulfan Sulfate	1031-07-8	ug/kg	20	U	9.9	U	21	U			5.7	J			19	U		
SW8081B	NA	Endrin	72-20-8	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Endrin Aldehyde	7421-93-4	ug/kg	20	U	9.9	U	21	U			21	U			19	U		

					Location ID	WSP-TP-01		WSP-TP-01		WSP-TP-02		WSP-TP-02		WSP-TP-03		WSP-TP-03		WSP-TP-04A		WSP-TP-04A	
					Sample ID	WSP-TP-01_4.5-5.0		WSP-TP-01_4.5-5.0 DUP		WSP-TP-02_1.0-1.5		WSP-TP-02_4.0-4.5		WSP-TP-03_0.5-1.0		WSP-TP-03_4.0-4.5		WSP-TP-04A_1.0-1.5		WSP-TP-04A_4.0-4.5	
						4.5 - 5 ft		4.5 - 5 ft		1 - 1.5 ft		4 - 4.5 ft		0.5 - 1 ft		4 - 4.5 ft		1 - 1.5 ft		4 - 4.5 ft	
					Matrix	SO		SO		SO		SO		SO		SO		SO		SO	
					SDG	4801777721		4801777721		4801777721		4801777721		4801777721		4801777721		4801778881		4801778881	
					Lab Sample ID	480-177772-3		480-177772-4		480-177772-6		480-177772-7		480-177772-1		480-177772-2		480-177888-2		480-177888-1	
					Sample Date	11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/5/2020		11/6/2020		11/6/2020	
					Sample Type Code	N		FD		N		N		N		N		N		N	
Method	Fraction	Chemical Name	CAS RN	Unit																	
SW8081B	NA	Endrin Ketone	53494-70-5	ug/kg	20	U	3.1	J	6.3	J			13	J			19	U		
SW8081B	NA	Heptachlor	76-44-8	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Heptachlor Epoxide	1024-57-3	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Gamma Bhc (Lindane)	58-89-9	ug/kg	20	U	9.9	U	21	U			21	U			19	U		
SW8081B	NA	Methoxychlor	72-43-5	ug/kg	20	U	9.9	U	21	U			40	J			19	U		
SW8081B	NA	Toxaphene	8001-35-2	ug/kg	200	U	99	U	210	U			210	U			190	U		
SW8082A	NA	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1262 (Aroclor 1262)	37324-23-5	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	PCB-1268 (Aroclor 1268)	11100-14-4	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8082A	NA	Polychlorinated Biphenyl (PCBs)	1336-36-3	mg/kg	0.27	U	0.27	U	0.3	U			0.27	U			0.28	U		
SW8151A	NA	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/kg	20	U	20	U	20	U			21	U			19	U		
SW8151A	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	ug/kg	20	U	20	U	20	U			21	U			19	U		
SW8151A	NA	Dinoseb	88-85-7	ug/kg	20	U	20	U	20	U			21	U			19	U		
SW8151A	NA	Silvex (2,4,5-TP)	93-72-1	ug/kg	20	U	20	U	20	U			21	U			19	U		
SW6010C	T	Aluminum	7429-90-5	mg/kg	8690		11700		9750		7390		11000		9780		11800		14000	
SW6010C	T	Antimony	7440-36-0	mg/kg	18.2	U	18.1	UJ	37.1	U	18.2	U	38.6	UJ	1.6	J	17.1	U	16.9	U
SW6010C	T	Arsenic	7440-38-2	mg/kg	10.1		14.4	J	32.6		9.3		26.4		15.8		10.2		7.6	
SW6010C	T	Barium	7440-39-3	mg/kg	217		346	J	759		127		435		282		104		113	
SW6010C	T	Beryllium	7440-41-7	mg/kg	0.64		0.9		0.62		1.6		0.95	J	1		0.54		0.59	
SW6010C	T	Boron	7440-42-8	mg/kg	3.5		5.8		8.7		3.9		10.1		12.5		4.6		3.5	
SW6010C	T	Cadmium	7440-43-9	mg/kg	0.55		0.84		1.7		1.5		9.9		0.95		0.35		0.39	
SW6010C	T	Calcium	7440-70-2	mg/kg	4530		5860	J	6690		2000		3260		14100		3320		1500	
SW7196A	NA	Chromium, Hexavalent	18540-29-9	mg/kg	2.4	U	2.4	U	2.5	U			2.6	UJ			0.62	J		
SM3500-CRD	NA	Chromium III	16065-83-1	mg/kg	20		29.9		86.2				42.5				13.8			
SW6010C	T	Chromium, Total	7440-47-3	mg/kg	20		29.9	J	86.2		17.4		42.5	J	19.5		14.4		15.7	
SW6010C	T	Cobalt	7440-48-4	mg/kg	8.1		12.5		18.2		15.1		10.9		8.9		8.9		9.5	
SW6010C	T	Copper	7440-50-8	mg/kg	90.4		138	J	213		48.9		166	J	180		25		16.8	
SW6010C	T	Iron	7439-89-6	mg/kg	9130		13400		104000		19100		78500	J	10600		20000		20800	
SW6010C	T	Lead	7439-92-1	mg/kg	321		469		1250		272		960		435		94.7		74.7	
SW6010C	T	Magnesium	7439-95-4	mg/kg	1040		1710	J	1230		275		1560	J	657		3010		2910	
SW6010C	T	Manganese	7439-96-5	mg/kg	161		206	J	660		206		532		513		512		549	
SW7471B	T	Mercury	7439-97-6	mg/kg	0.27		0.4		0.35		0.053		0.76	J	0.8		0.12		0.15	
SW6010C	T	Nickel	7440-02-0	mg/kg	18.9		28.9		70.6		26		43.9	J	22.6		20.1		21.8	
SW6010C	T	Potassium	7440-09-7	mg/kg	852		1200	J	834		708		1660	J	1090		1460		1480	
SW6010C	T	Selenium	7782-49-2	mg/kg	0.72	J	1	J	3.3	J	0.73	J	3.6	J	0.76	J	4.6	U	4.5	U
SW6010C	T	Silver	7440-22-4	mg/kg	0.5	J	0.54	J	0.9		0.51	J	3.1	J	0.33	J	0.68	U	0.68	U
SW6010C	T	Sodium	7440-23-5	mg/kg	368		441		249		127	J	195		316		63.2	J	49.3	J
SW6010C	T	Thallium	7440-28-0	mg/kg	7.3	U	7.2	U	7.4	U	7.3	U	7.7	U	8	U	6.8	U	6.8	U
SW6010C	T	Vanadium	7440-62-2	mg/kg	21.5		34.3	J	30.4		32.9		31.3		28		18.9		19.7	
SW6010C	T	Zinc	7440-66-6	mg/kg	317		467	J	825		329		1460	J	268		89.5		129	
SW6010C	TCLP	Arsenic	7440-38-2	mg/l	0.0097	J	0.016		0.0081	J	0.015	U	0.027		0.028		0.0063	J	0.015	U
SW6010C	TCLP	Barium	7440-39-3	mg/l	0.98	J	1		2.1		0.46	J	1.3		1.7		0.47	J	0.37	J
SW6010C	TCLP	Cadmium	7440-43-9	mg/l	0.0083		0.0057		0.017		0.011		0.07		0.0082		0.0015	J	0.0021	
SW6010C	TCLP	Chromium, Total	7440-47-3	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
SW7470A	TCLP	Mercury	7439-97-6	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U	0.0002	U
SW6010C	TCLP	Lead	7439-92-1	mg/l	0.36		0.43		9.8		0.22		0.66		0.76		0.017	J	0.02	
SW6010C	TCLP	Selenium	7782-49-2	mg/l	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U	0.025	U
SW6010C	TCLP	Silver	7440-22-4	mg/l	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U	0.006	U
SW9012	NA	Cyanide	57-12-5	mg/kg	1.1	U	1.1	U	1.1	U			1.2	U			1.1	U		
LLOYDKAHN	NA	Total Organic Carbon	TOC	mg/kg																
E1664	NA	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	mg/kg	115	J	331	J	284				1600	J			110	U		

PARSONS

ATTACHMENT A-2 VALIDATED LABORATORY DATA FOR FIELD QC BLANK SAMPLES

			Sample ID:	WSP-EB-01_110420		WSP-EB-01_11062020		WSP-EB-01_111020		WSP-EB-01_111120		WSP-EB-01_111320	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801780771		4801778881		4801780051		4801781481		4801782161	
			Lab Sample ID:	480-178077-12		480-177888-3		480-178005-14		480-178148-4		480-178216-16	
			Sampled:	11/4/2020		11/6/2020		11/10/2020		11/11/2020		11/13/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
E537(M)	SPE3535	2355-31-9	2-(N-methyl perfluorooctanesulfonamido) acetic acid	ng/l	4.4 U	4.8 U		4.4 U				4.4 U	
E537(M)	SPE3535	2991-50-6	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	ng/l	4.4 U	4.8 U		4.4 U				4.4 U	
E537(M)	SPE3535	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	375-22-4	Perfluorobutanoic Acid	ng/l	4.4 U	4.8 U		4.4 U				4.4 U	
E537(M)	SPE3535	335-77-3	Perfluorodecane Sulfonic Acid	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	335-76-2	Perfluorodecanoic acid (PFDA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	307-55-1	Perfluorododecanoic acid (PFDoA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	375-92-8	Perfluoroheptane Sulfonate (PFHPS)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	375-85-9	Perfluoroheptanoic acid (PFHpA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	307-24-4	Perfluorohexanoic acid (PFHxA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	375-95-1	Perfluorononanoic acid (PFNA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	335-67-1	Perfluorooctanoic acid (PFOA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ng/l	1.7 U	1.9 U		1.8 U				0.55 J	
E537(M)	SPE3535	376-06-7	Perfluorotetradecanoic acid (PFTA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	39108-34-4	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	ng/l	1.7 U	1.9 U		1.8 U				1.8 U	
E537(M)	SPE3535	27619-97-2	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ng/l	4.4 U	4.8 U		4.4 U				4.4 U	
SW8260C	NA	71-55-6	1,1,1-Trichloroethane (TCA)	ug/l	1 U	1 U							
SW8260C	NA	79-34-5	1,1,2,2-Tetrachloroethane	ug/l	1 U	1 U							
SW8260C	NA	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1 U	1 U							
SW8260C	NA	79-00-5	1,1,2-Trichloroethane	ug/l	1 U	1 U							
SW8260C	NA	75-34-3	1,1-Dichloroethane	ug/l	1 U	1 U							
SW8260C	NA	75-35-4	1,1-Dichloroethene	ug/l	1 U	1 U							
SW8260C	NA	120-82-1	1,2,4-Trichlorobenzene	ug/l	1 U	1 U							
SW8260C	NA	95-63-6	1,2,4-Trimethylbenzene	ug/l	1 U	1 U							
SW8260C	NA	96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	1 U	1 UJ							
SW8260C	NA	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	1 U	1 U							
SW8260C	NA	95-50-1	1,2-Dichlorobenzene	ug/l	1 U	1 U							
SW8260C	NA	107-06-2	1,2-Dichloroethane	ug/l	1 U	1 U							
SW8260C	NA	78-87-5	1,2-Dichloropropane	ug/l	1 U	1 U							
SW8260C	NA	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	ug/l	1 U	1 U							
SW8260C	NA	541-73-1	1,3-Dichlorobenzene	ug/l	1 U	1 U							
SW8260C	NA	106-46-7	1,4-Dichlorobenzene	ug/l	1 U	1 U							
SW8260C	NA	591-78-6	2-Hexanone	ug/l	5 U	5 U							
SW8260C	NA	67-64-1	Acetone	ug/l	10 U	10 U							
SW8260C	NA	71-43-2	Benzene	ug/l	1 U	1 U							
SW8260C	NA	75-27-4	Bromodichloromethane	ug/l	1 U	1 U							
SW8260C	NA	75-25-2	Bromoform	ug/l	1 U	1 U							
SW8260C	NA	74-83-9	Bromomethane	ug/l	1 UJ	1 UJ							
SW8260C	NA	75-15-0	Carbon Disulfide	ug/l	1 U	1 U							
SW8260C	NA	56-23-5	Carbon Tetrachloride	ug/l	1 U	1 U							
SW8260C	NA	108-90-7	Chlorobenzene	ug/l	1 U	1 U							
SW8260C	NA	75-00-3	Chloroethane	ug/l	1 U	1 UJ							
SW8260C	NA	67-66-3	Chloroform	ug/l	1 U	1 U							
SW8260C	NA	74-87-3	Chloromethane	ug/l	1 U	1 U							
SW8260C	NA	156-59-2	Cis-1,2-Dichloroethylene	ug/l	1 U	1 U							
SW8260C	NA	10061-01-5	Cis-1,3-Dichloropropene	ug/l	1 U	1 U							
SW8260C	NA	110-82-7	Cyclohexane	ug/l	1 U	1 U							
SW8260C	NA	124-48-1	Dibromochloromethane	ug/l	1 U	1 U							
SW8260C	NA	75-71-8	Dichlorodifluoromethane	ug/l	1 U	1 U							
SW8260C	NA	100-41-4	Ethylbenzene	ug/l	1 U	1 U							
SW8260C	NA	98-82-8	Isopropylbenzene (Cumene)	ug/l	1 U	1 U							
SW8260C	NA	79-20-9	Methyl Acetate	ug/l	2.5 U	2.5 U							

PARSONS

				Sample ID:	WSP-EB-01_110420		WSP-EB-01_11062020		WSP-EB-01_111020		WSP-EB-01_111120		WSP-EB-01_111320	
				Sample Type:	EB		EB		EB		EB		EB	
				Matrix:	WQ		WQ		WQ		WQ		WQ	
				SDG:	4801780771		4801778881		4801780051		4801781481		4801782161	
				Lab Sample ID:	480-178077-12		480-177888-3		480-178005-14		480-178148-4		480-178216-16	
				Sampled:	11/4/2020		11/6/2020		11/10/2020		11/11/2020		11/13/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit										
SW8260C	NA	78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	10	U	10	U						
SW8260C	NA	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	5	U	5	U						
SW8260C	NA	108-87-2	Methylcyclohexane	ug/l	1	U	1	U						
SW8260C	NA	75-09-2	Methylene Chloride	ug/l	1	U	1	U						
SW8260C	NA	104-51-8	N-Butylbenzene	ug/l	1	U	1	U						
SW8260C	NA	103-65-1	N-Propylbenzene	ug/l	1	U	1	U						
SW8260C	NA	135-98-8	Sec-Butylbenzene	ug/l	1	U	1	U						
SW8260C	NA	100-42-5	Styrene	ug/l	1	U	1	U						
SW8260C	NA	98-06-6	T-Butylbenzene	ug/l	1	U	1	U						
SW8260C	NA	1634-04-4	Tert-Butyl Methyl Ether	ug/l	1	U	1	U						
SW8260C	NA	127-18-4	Tetrachloroethylene (PCE)	ug/l	1	U	1	U						
SW8260C	NA	108-88-3	Toluene	ug/l	1	U	1	U						
SW8260C	NA	156-60-5	Trans-1,2-Dichloroethene	ug/l	1	U	1	U						
SW8260C	NA	10061-02-6	Trans-1,3-Dichloropropene	ug/l	1	U	1	U						
SW8260C	NA	79-01-6	Trichloroethylene (TCE)	ug/l	1	U	1	U						
SW8260C	NA	75-69-4	Trichlorofluoromethane	ug/l	1	U	1	U						
SW8260C	NA	75-01-4	Vinyl Chloride	ug/l	1	U	1	U						
SW8260C	NA	1330-20-7	Xylenes	ug/l	2	U	2	U						
SW8270D	NA	95-95-4	2,4,5-Trichlorophenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	88-06-2	2,4,6-Trichlorophenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	120-83-2	2,4-Dichlorophenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	105-67-9	2,4-Dimethylphenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	51-28-5	2,4-Dinitrophenol	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	121-14-2	2,4-Dinitrotoluene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	606-20-2	2,6-Dinitrotoluene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	91-58-7	2-Chloronaphthalene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	95-57-8	2-Chlorophenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	91-57-6	2-Methylnaphthalene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	95-48-7	2-Methylphenol (O-Cresol)	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	88-74-4	2-Nitroaniline	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	88-75-5	2-Nitrophenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	91-94-1	3,3'-Dichlorobenzidine	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	99-09-2	3-Nitroaniline	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	101-55-3	4-Bromophenyl Phenyl Ether	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	59-50-7	4-Chloro-3-Methylphenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	106-47-8	4-Chloroaniline	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	106-44-5	4-Methylphenol (P-Cresol)	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	100-01-6	4-Nitroaniline	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	100-02-7	4-Nitrophenol	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	83-32-9	Acenaphthene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	208-96-8	Acenaphthylene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	98-86-2	Acetophenone	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	120-12-7	Anthracene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	1912-24-9	Atrazine	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	100-52-7	Benzaldehyde	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	56-55-3	Benzo(A)Anthracene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	50-32-8	Benzo(A)Pyrene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	205-99-2	Benzo(B)Fluoranthene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	191-24-2	Benzo(G,H,I)Perylene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	207-08-9	Benzo(K)Fluoranthene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	85-68-7	Benzyl Butyl Phthalate	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	92-52-4	Biphenyl (Diphenyl)	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	5	UJ	5	U			5	UJ	5	U

PARSONS

				Sample ID:	WSP-EB-01_110420		WSP-EB-01_11062020		WSP-EB-01_111020		WSP-EB-01_111120		WSP-EB-01_111320	
				Sample Type:	EB		EB		EB		EB		EB	
				Matrix:	WQ		WQ		WQ		WQ		WQ	
				SDG:	4801780771		4801778881		4801780051		4801781481		4801782161	
				Lab Sample ID:	480-178077-12		480-177888-3		480-178005-14		480-178148-4		480-178216-16	
				Sampled:	11/4/2020		11/6/2020		11/10/2020		11/11/2020		11/13/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit										
SW8270D	NA	117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	105-60-2	Caprolactam	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	86-74-8	Carbazole	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	218-01-9	Chrysene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	53-70-3	Dibenz(A,H)Anthracene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	132-64-9	Dibenzofuran	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	84-66-2	Diethyl Phthalate	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	131-11-3	Dimethyl Phthalate	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	84-74-2	Di-N-Butyl Phthalate	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	117-84-0	Di-N-Octylphthalate	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	206-44-0	Fluoranthene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	86-73-7	Fluorene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	118-74-1	Hexachlorobenzene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	87-68-3	Hexachlorobutadiene	ug/l	5	UJ	5	U			5	UJ	5	U
SW8270D	NA	77-47-4	Hexachlorocyclopentadiene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	67-72-1	Hexachloroethane	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	78-59-1	Isophorone	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	91-20-3	Naphthalene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	98-95-3	Nitrobenzene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	621-64-7	N-Nitrosodi-N-Propylamine	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	86-30-6	N-Nitrosodiphenylamine	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	87-86-5	Pentachlorophenol	ug/l	10	UJ	10	U			10	U	10	U
SW8270D	NA	85-01-8	Phenanthrene	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	108-95-2	Phenol	ug/l	5	UJ	5	U			5	U	5	U
SW8270D	NA	129-00-0	Pyrene	ug/l	5	UJ	5	U			5	U	5	U
SW8270DSIM	NA	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	0.2	UJ	0.19	U					0.2	UJ
SW8081B	NA	309-00-2	Aldrin	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	959-98-8	Alpha Endosulfan	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	33213-65-9	Beta Endosulfan	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	5103-71-9	cis-Chlordane	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	60-57-1	Dieldrin	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	1031-07-8	Endosulfan Sulfate	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	72-20-8	Endrin	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	7421-93-4	Endrin Aldehyde	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	53494-70-5	Endrin Ketone	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	58-89-9	Gamma Bhc (Lindane)	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	76-44-8	Heptachlor	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	1024-57-3	Heptachlor Epoxide	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	72-43-5	Methoxychlor	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	72-54-8	P,P'-DDD	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	72-55-9	P,P'-DDE	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	50-29-3	P,P'-DDT	ug/l	0.052	UJ	0.05	U						
SW8081B	NA	8001-35-2	Toxaphene	ug/l	0.52	UJ	0.5	U						
SW8081B	NA	5103-74-2	trans-Chlordane	ug/l	0.052	UJ	0.05	U						
SW8082A	NA	12674-11-2	PCB-1016 (Aroclor 1016)	ug/l	0.5	U	0.5	U						
SW8082A	NA	11104-28-2	PCB-1221 (Aroclor 1221)	ug/l	0.5	U	0.5	U						
SW8082A	NA	11141-16-5	PCB-1232 (Aroclor 1232)	ug/l	0.5	U	0.5	U						
SW8082A	NA	53469-21-9	PCB-1242 (Aroclor 1242)	ug/l	0.5	U	0.5	U						
SW8082A	NA	12672-29-6	PCB-1248 (Aroclor 1248)	ug/l	0.5	U	0.5	U						
SW8082A	NA	11097-69-1	PCB-1254 (Aroclor 1254)	ug/l	0.5	U	0.5	U						
SW8082A	NA	11096-82-5	PCB-1260 (Aroclor 1260)	ug/l	0.5	U	0.5	U						
SW8082A	NA	37324-23-5	PCB-1262 (Aroclor 1262)	ug/l	0.5	U	0.5	U						
SW8082A	NA	11100-14-4	PCB-1268 (Aroclor 1268)	ug/l	0.5	U	0.5	U						

			Sample ID:	WSP-EB-01_110420		WSP-EB-01_11062020		WSP-EB-01_111020		WSP-EB-01_111120		WSP-EB-01_111320	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801780771		4801778881		4801780051		4801781481		4801782161	
			Lab Sample ID:	480-178077-12		480-177888-3		480-178005-14		480-178148-4		480-178216-16	
			Sampled:	11/4/2020		11/6/2020		11/10/2020		11/11/2020		11/13/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
SW8082A	NA	1336-36-3	Polychlorinated Biphenyl (PCBs)	ug/l	0.5	U	0.5	U					
SW8151A	NA	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/l	0.53	UJ	0.49	U					
SW8151A	NA	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l	0.53	UJ	0.49	U					
SW8151A	NA	88-85-7	Dinoseb	ug/l	0.53	UJ	0.49	U					
SW8151A	NA	93-72-1	Silvex (2,4,5-TP)	ug/l	0.53	UJ	0.49	U					
SW6010C	T	7429-90-5	Aluminum	mg/l	0.2	U	0.2	U			0.2	U	0.2 U
SW6010C	T	7440-36-0	Antimony	mg/l	0.02	U	0.02	U			0.02	U	0.02 U
SW6010C	T	7440-38-2	Arsenic	mg/l	0.015	U	0.015	U			0.015	U	0.015 U
SW6010C	T	7440-39-3	Barium	mg/l	0.002	U	0.002	U			0.002	U	0.002 U
SW6010C	T	7440-41-7	Beryllium	mg/l	0.002	U	0.002	U			0.002	U	0.002 U
SW6010C	T	7440-42-8	Boron	mg/l	0.02	U	0.02	U			0.02	U	0.02 U
SW6010C	T	7440-43-9	Cadmium	mg/l	0.002	U	0.002	U			0.002	U	0.002 U
SW6010C	T	7440-70-2	Calcium	mg/l	0.5	U	0.5	U			0.5	U	0.5 U
SW7196A	NA	16065-83-1	Chromium III	mg/l	0.01	U	0.01	U					
SW7196A	NA	18540-29-9	Chromium, Hexavalent	mg/l	0.01	UJ	0.01	UJ					
SW6010C	T	7440-47-3	Chromium, Total	mg/l	0.004	U	0.004	U			0.004	U	0.004 U
SW6010C	T	7440-48-4	Cobalt	mg/l	0.004	U	0.004	U			0.004	U	0.004 U
SW6010C	T	7440-50-8	Copper	mg/l	0.01	U	0.01	U			0.01	U	0.01 U
SW6010C	T	7439-89-6	Iron	mg/l	0.022	J	0.05	U			0.031	J	0.027 J
SW6010C	T	7439-92-1	Lead	mg/l	0.01	U	0.01	U			0.01	U	0.01 U
SW6010C	T	7439-95-4	Magnesium	mg/l	0.2	U	0.2	U			0.2	U	0.2 U
SW6010C	T	7439-96-5	Manganese	mg/l	0.00095	J	0.003	U			0.0007	J	0.0011 J
SW7470A	T	7439-97-6	Mercury	mg/l	0.0002	U	0.0002	U			0.0002	U	0.0002 U
SW6010C	T	7440-02-0	Nickel	mg/l	0.01	U	0.01	U			0.01	U	0.01 U
SW6010C	T	7440-09-7	Potassium	mg/l	0.5	U	0.5	U			0.5	U	0.5 U
SW6010C	T	7782-49-2	Selenium	mg/l	0.025	U	0.025	U			0.025	U	0.025 U
SW6010C	T	7440-22-4	Silver	mg/l	0.006	U	0.006	U			0.006	U	0.006 U
SW6010C	T	7440-23-5	Sodium	mg/l	1	U	1	U			1	U	1 U
SW6010C	T	7440-28-0	Thallium	mg/l	0.02	U	0.02	U			0.02	U	0.02 U
SW6010C	T	7440-62-2	Vanadium	mg/l	0.005	U	0.005	U			0.005	U	0.005 U
SW6010C	T	7440-66-6	Zinc	mg/l	0.0023	J	0.01	U			0.0026	J	0.01 U
SW9012	NA	57-12-5	Cyanide	mg/l	0.01	U	0.01	U					
E1664	NA	OILGREASENONP	Sgt Hem (Oil And Grease - Nonpolar	mg/l	5.1	U	4.8	U					
SM5310C	NA	TOC	Total Organic Carbon	mg/l									

			Sample ID:	WSP-EB-01_111620-20201116		WSP-EB-01_111720-20201117		WSP-EB-01_111820-20201118		WSP-EB-01_111920		WSP-EB-01_112020-20201120	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801783321		4801783321		4801786431		4801786781		4801786051	
			Lab Sample ID:	480-178332-17		480-178332-29		480-178643-7		480-178678-5		480-178605-10	
			Sampled:	11/16/2020		11/17/2020		11/18/2020		11/19/2020		11/20/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
E537(M)	SPE3535	2355-31-9	2-(N-methyl perfluorooctanesulfonamido) acetic acid	ng/l		4.6	U			4.8	U	4.4	U
E537(M)	SPE3535	2991-50-6	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	ng/l		4.6	U			4.8	U	4.4	U
E537(M)	SPE3535	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	375-22-4	Perfluorobutanoic Acid	ng/l		4.6	U			4.8	U	4.4	U
E537(M)	SPE3535	335-77-3	Perfluorodecane Sulfonic Acid	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	335-76-2	Perfluorodecanoic acid (PFDA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	307-55-1	Perfluorododecanoic acid (PFDoA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	375-92-8	Perfluoroheptane Sulfonate (PFHPS)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	375-85-9	Perfluoroheptanoic acid (PFHpA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	307-24-4	Perfluorohexanoic acid (PFHxA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	375-95-1	Perfluorononanoic acid (PFNA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	335-67-1	Perfluorooctanoic acid (PFOA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ng/l		1.8	U			0.5	J	1.8	U
E537(M)	SPE3535	376-06-7	Perfluorotetradecanoic acid (PFTA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	39108-34-4	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	ng/l		1.8	U			1.9	U	1.8	U
E537(M)	SPE3535	27619-97-2	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ng/l		4.6	U			4.8	U	4.4	U
SW8260C	NA	71-55-6	1,1,1-Trichloroethane (TCA)	ug/l		1	U						
SW8260C	NA	79-34-5	1,1,2,2-Tetrachloroethane	ug/l		1	U						
SW8260C	NA	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		1	U						
SW8260C	NA	79-00-5	1,1,2-Trichloroethane	ug/l		1	U						
SW8260C	NA	75-34-3	1,1-Dichloroethane	ug/l		1	U						
SW8260C	NA	75-35-4	1,1-Dichloroethene	ug/l		1	U						
SW8260C	NA	120-82-1	1,2,4-Trichlorobenzene	ug/l		1	U						
SW8260C	NA	95-63-6	1,2,4-Trimethylbenzene	ug/l		1	U						
SW8260C	NA	96-12-8	1,2-Dibromo-3-Chloropropane	ug/l		1	U						
SW8260C	NA	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	ug/l		1	U						
SW8260C	NA	95-50-1	1,2-Dichlorobenzene	ug/l		1	U						
SW8260C	NA	107-06-2	1,2-Dichloroethane	ug/l		1	U						
SW8260C	NA	78-87-5	1,2-Dichloropropane	ug/l		1	U						
SW8260C	NA	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	ug/l		1	U						
SW8260C	NA	541-73-1	1,3-Dichlorobenzene	ug/l		1	U						
SW8260C	NA	106-46-7	1,4-Dichlorobenzene	ug/l		1	U						
SW8260C	NA	591-78-6	2-Hexanone	ug/l		5	U						
SW8260C	NA	67-64-1	Acetone	ug/l		10	U						
SW8260C	NA	71-43-2	Benzene	ug/l		1	U						
SW8260C	NA	75-27-4	Bromodichloromethane	ug/l		1	U						
SW8260C	NA	75-25-2	Bromoform	ug/l		1	U						
SW8260C	NA	74-83-9	Bromomethane	ug/l		1	U						
SW8260C	NA	75-15-0	Carbon Disulfide	ug/l		1	UJ						
SW8260C	NA	56-23-5	Carbon Tetrachloride	ug/l		1	U						
SW8260C	NA	108-90-7	Chlorobenzene	ug/l		1	U						
SW8260C	NA	75-00-3	Chloroethane	ug/l		1	U						
SW8260C	NA	67-66-3	Chloroform	ug/l		1	U						
SW8260C	NA	74-87-3	Chloromethane	ug/l		1	U						
SW8260C	NA	156-59-2	Cis-1,2-Dichloroethylene	ug/l		1	U						
SW8260C	NA	10061-01-5	Cis-1,3-Dichloropropene	ug/l		1	U						
SW8260C	NA	110-82-7	Cyclohexane	ug/l		1	U						
SW8260C	NA	124-48-1	Dibromochloromethane	ug/l		1	U						
SW8260C	NA	75-71-8	Dichlorodifluoromethane	ug/l		1	U						
SW8260C	NA	100-41-4	Ethylbenzene	ug/l		1	U						
SW8260C	NA	98-82-8	Isopropylbenzene (Cumene)	ug/l		1	U						
SW8260C	NA	79-20-9	Methyl Acetate	ug/l		2.5	U						

			Sample ID:	WSP-EB-01_111620-20201116		WSP-EB-01_111720-20201117		WSP-EB-01_111820-20201118		WSP-EB-01_111920		WSP-EB-01_112020-20201120	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801783321		4801783321		4801786431		4801786781		4801786051	
			Lab Sample ID:	480-178332-17		480-178332-29		480-178643-7		480-178678-5		480-178605-10	
			Sampled:	11/16/2020		11/17/2020		11/18/2020		11/19/2020		11/20/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
SW8260C	NA	78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l		10	U						
SW8260C	NA	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l		5	U						
SW8260C	NA	108-87-2	Methylcyclohexane	ug/l		1	U						
SW8260C	NA	75-09-2	Methylene Chloride	ug/l		6.3							
SW8260C	NA	104-51-8	N-Butylbenzene	ug/l		1	U						
SW8260C	NA	103-65-1	N-Propylbenzene	ug/l		1	U						
SW8260C	NA	135-98-8	Sec-Butylbenzene	ug/l		1	U						
SW8260C	NA	100-42-5	Styrene	ug/l		1	U						
SW8260C	NA	98-06-6	T-Butylbenzene	ug/l		1	U						
SW8260C	NA	1634-04-4	Tert-Butyl Methyl Ether	ug/l		1	UJ						
SW8260C	NA	127-18-4	Tetrachloroethylene (PCE)	ug/l		1	U						
SW8260C	NA	108-88-3	Toluene	ug/l		1	U						
SW8260C	NA	156-60-5	Trans-1,2-Dichloroethene	ug/l		1	U						
SW8260C	NA	10061-02-6	Trans-1,3-Dichloropropene	ug/l		1	U						
SW8260C	NA	79-01-6	Trichloroethylene (TCE)	ug/l		1	U						
SW8260C	NA	75-69-4	Trichlorofluoromethane	ug/l		1	U						
SW8260C	NA	75-01-4	Vinyl Chloride	ug/l		1	U						
SW8260C	NA	1330-20-7	Xylenes	ug/l		2	U						
SW8270D	NA	95-95-4	2,4,5-Trichlorophenol	ug/l		5	U						
SW8270D	NA	88-06-2	2,4,6-Trichlorophenol	ug/l		5	U						
SW8270D	NA	120-83-2	2,4-Dichlorophenol	ug/l		5	U						
SW8270D	NA	105-67-9	2,4-Dimethylphenol	ug/l		5	U						
SW8270D	NA	51-28-5	2,4-Dinitrophenol	ug/l		10	U						
SW8270D	NA	121-14-2	2,4-Dinitrotoluene	ug/l		5	U						
SW8270D	NA	606-20-2	2,6-Dinitrotoluene	ug/l		5	U						
SW8270D	NA	91-58-7	2-Chloronaphthalene	ug/l		5	U						
SW8270D	NA	95-57-8	2-Chlorophenol	ug/l		5	U						
SW8270D	NA	91-57-6	2-Methylnaphthalene	ug/l		5	U						
SW8270D	NA	95-48-7	2-Methylphenol (O-Cresol)	ug/l		5	U						
SW8270D	NA	88-74-4	2-Nitroaniline	ug/l		10	U						
SW8270D	NA	88-75-5	2-Nitrophenol	ug/l		5	U						
SW8270D	NA	91-94-1	3,3'-Dichlorobenzidine	ug/l		5	U						
SW8270D	NA	99-09-2	3-Nitroaniline	ug/l		10	U						
SW8270D	NA	534-52-1	4,6-Dinitro-2-Methylphenol	ug/l		10	U						
SW8270D	NA	101-55-3	4-Bromophenyl Phenyl Ether	ug/l		5	U						
SW8270D	NA	59-50-7	4-Chloro-3-Methylphenol	ug/l		5	U						
SW8270D	NA	106-47-8	4-Chloroaniline	ug/l		5	U						
SW8270D	NA	7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l		5	U						
SW8270D	NA	106-44-5	4-Methylphenol (P-Cresol)	ug/l		10	U						
SW8270D	NA	100-01-6	4-Nitroaniline	ug/l		10	U						
SW8270D	NA	100-02-7	4-Nitrophenol	ug/l		10	U						
SW8270D	NA	83-32-9	Acenaphthene	ug/l		5	U						
SW8270D	NA	208-96-8	Acenaphthylene	ug/l		5	U						
SW8270D	NA	98-86-2	Acetophenone	ug/l		5	U						
SW8270D	NA	120-12-7	Anthracene	ug/l		5	U						
SW8270D	NA	1912-24-9	Atrazine	ug/l		5	U						
SW8270D	NA	100-52-7	Benzaldehyde	ug/l		5	U						
SW8270D	NA	56-55-3	Benzo(A)Anthracene	ug/l		5	U						
SW8270D	NA	50-32-8	Benzo(A)Pyrene	ug/l		5	U						
SW8270D	NA	205-99-2	Benzo(B)Fluoranthene	ug/l		5	U						
SW8270D	NA	191-24-2	Benzo(G,H,I)Perylene	ug/l		5	U						
SW8270D	NA	207-08-9	Benzo(K)Fluoranthene	ug/l		5	U						
SW8270D	NA	85-68-7	Benzyl Butyl Phthalate	ug/l		5	U						
SW8270D	NA	92-52-4	Biphenyl (Diphenyl)	ug/l		5	U						
SW8270D	NA	111-91-1	Bis(2-Chloroethoxy) Methane	ug/l		5	U						
SW8270D	NA	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		5	U						
SW8270D	NA	108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l		5	U						

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			Sample ID:	WSP-EB-01_111620-20201116		WSP-EB-01_111720-20201117		WSP-EB-01_111820-20201118		WSP-EB-01_111920		WSP-EB-01_112020-20201120	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801783321		4801783321		4801786431		4801786781		4801786051	
			Lab Sample ID:	480-178332-17		480-178332-29		480-178643-7		480-178678-5		480-178605-10	
			Sampled:	11/16/2020		11/17/2020		11/18/2020		11/19/2020		11/20/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
SW8270D	NA	117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l		5	U						
SW8270D	NA	105-60-2	Caprolactam	ug/l		5	U						
SW8270D	NA	86-74-8	Carbazole	ug/l		5	U						
SW8270D	NA	218-01-9	Chrysene	ug/l		5	U						
SW8270D	NA	53-70-3	Dibenz(A,H)Anthracene	ug/l		5	U						
SW8270D	NA	132-64-9	Dibenzofuran	ug/l		10	U						
SW8270D	NA	84-66-2	Diethyl Phthalate	ug/l		5	U						
SW8270D	NA	131-11-3	Dimethyl Phthalate	ug/l		5	U						
SW8270D	NA	84-74-2	Di-N-Butyl Phthalate	ug/l		5	U						
SW8270D	NA	117-84-0	Di-N-Octylphthalate	ug/l		5	U						
SW8270D	NA	206-44-0	Fluoranthene	ug/l		5	U						
SW8270D	NA	86-73-7	Fluorene	ug/l		5	U						
SW8270D	NA	118-74-1	Hexachlorobenzene	ug/l		5	U						
SW8270D	NA	87-68-3	Hexachlorobutadiene	ug/l		5	U						
SW8270D	NA	77-47-4	Hexachlorocyclopentadiene	ug/l		5	U						
SW8270D	NA	67-72-1	Hexachloroethane	ug/l		5	U						
SW8270D	NA	193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l		5	U						
SW8270D	NA	78-59-1	Isophorone	ug/l		5	U						
SW8270D	NA	91-20-3	Naphthalene	ug/l		5	U						
SW8270D	NA	98-95-3	Nitrobenzene	ug/l		5	U						
SW8270D	NA	621-64-7	N-Nitrosodi-N-Propylamine	ug/l		5	U						
SW8270D	NA	86-30-6	N-Nitrosodiphenylamine	ug/l		5	U						
SW8270D	NA	87-86-5	Pentachlorophenol	ug/l		10	U						
SW8270D	NA	85-01-8	Phenanthrene	ug/l		5	U						
SW8270D	NA	108-95-2	Phenol	ug/l		5	U						
SW8270D	NA	129-00-0	Pyrene	ug/l		5	U						
SW8270DSIM	NA	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	0.19	0.19	U						
SW8081B	NA	309-00-2	Aldrin	ug/l		0.05	UJ						
SW8081B	NA	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.05	U						
SW8081B	NA	959-98-8	Alpha Endosulfan	ug/l		0.05	U						
SW8081B	NA	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.05	U						
SW8081B	NA	33213-65-9	Beta Endosulfan	ug/l		0.05	U						
SW8081B	NA	5103-71-9	cis-Chlordane	ug/l		0.05	U						
SW8081B	NA	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.05	U						
SW8081B	NA	60-57-1	Dieldrin	ug/l		0.05	U						
SW8081B	NA	1031-07-8	Endosulfan Sulfate	ug/l		0.05	U						
SW8081B	NA	72-20-8	Endrin	ug/l		0.05	U						
SW8081B	NA	7421-93-4	Endrin Aldehyde	ug/l		0.05	U						
SW8081B	NA	53494-70-5	Endrin Ketone	ug/l		0.05	U						
SW8081B	NA	58-89-9	Gamma Bhc (Lindane)	ug/l		0.05	U						
SW8081B	NA	76-44-8	Heptachlor	ug/l		0.05	U						
SW8081B	NA	1024-57-3	Heptachlor Epoxide	ug/l		0.05	U						
SW8081B	NA	72-43-5	Methoxychlor	ug/l		0.05	U						
SW8081B	NA	72-54-8	P,P'-DDD	ug/l		0.05	U						
SW8081B	NA	72-55-9	P,P'-DDE	ug/l		0.05	UJ						
SW8081B	NA	50-29-3	P,P'-DDT	ug/l		0.05	U						
SW8081B	NA	8001-35-2	Toxaphene	ug/l		0.5	U						
SW8081B	NA	5103-74-2	trans-Chlordane	ug/l		0.05	U						
SW8082A	NA	12674-11-2	PCB-1016 (Aroclor 1016)	ug/l		0.52	U						
SW8082A	NA	11104-28-2	PCB-1221 (Aroclor 1221)	ug/l		0.52	U						
SW8082A	NA	11141-16-5	PCB-1232 (Aroclor 1232)	ug/l		0.52	U						
SW8082A	NA	53469-21-9	PCB-1242 (Aroclor 1242)	ug/l		0.52	U						
SW8082A	NA	12672-29-6	PCB-1248 (Aroclor 1248)	ug/l		0.52	U						
SW8082A	NA	11097-69-1	PCB-1254 (Aroclor 1254)	ug/l		0.52	U						
SW8082A	NA	11096-82-5	PCB-1260 (Aroclor 1260)	ug/l		0.52	U						
SW8082A	NA	37324-23-5	PCB-1262 (Aroclor 1262)	ug/l		0.52	U						
SW8082A	NA	11100-14-4	PCB-1268 (Aroclor 1268)	ug/l		0.52	U						

				Sample ID:	WSP-EB-01_111620-20201116		WSP-EB-01_111720-20201117		WSP-EB-01_111820-20201118		WSP-EB-01_111920		WSP-EB-01_112020-20201120	
				Sample Type:	EB		EB		EB		EB		EB	
				Matrix:	WQ		WQ		WQ		WQ		WQ	
				SDG:	4801783321		4801783321		4801786431		4801786781		4801786051	
				Lab Sample ID:	480-178332-17		480-178332-29		480-178643-7		480-178678-5		480-178605-10	
				Sampled:	11/16/2020		11/17/2020		11/18/2020		11/19/2020		11/20/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit										
SW8082A	NA	1336-36-3	Polychlorinated Biphenyl (PCBs)	ug/l			0.52	U						
SW8151A	NA	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/l			0.48	U						
SW8151A	NA	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l			0.48	U						
SW8151A	NA	88-85-7	Dinoseb	ug/l			0.48	U						
SW8151A	NA	93-72-1	Silvex (2,4,5-TP)	ug/l			0.48	U						
SW6010C	T	7429-90-5	Aluminum	mg/l	0.083	J	0.11	J						
SW6010C	T	7440-36-0	Antimony	mg/l	0.02	U	0.02	U						
SW6010C	T	7440-38-2	Arsenic	mg/l	0.015	U	0.015	U						
SW6010C	T	7440-39-3	Barium	mg/l	0.0017	J	0.002							
SW6010C	T	7440-41-7	Beryllium	mg/l	0.002	U	0.002	U						
SW6010C	T	7440-42-8	Boron	mg/l	0.02	U	0.02	U						
SW6010C	T	7440-43-9	Cadmium	mg/l	0.002	U	0.002	U						
SW6010C	T	7440-70-2	Calcium	mg/l	1.3		0.64							
SW7196A	NA	16065-83-1	Chromium III	mg/l			0.01	U						
SW7196A	NA	18540-29-9	Chromium, Hexavalent	mg/l			0.01	U						
SW6010C	T	7440-47-3	Chromium, Total	mg/l	0.004	U	0.004	U						
SW6010C	T	7440-48-4	Cobalt	mg/l	0.004	U	0.004	U						
SW6010C	T	7440-50-8	Copper	mg/l	0.01	U	0.01	U						
SW6010C	T	7439-89-6	Iron	mg/l	0.092		0.11							
SW6010C	T	7439-92-1	Lead	mg/l	0.01	U	0.01	U						
SW6010C	T	7439-95-4	Magnesium	mg/l	0.053	J	0.063	J						
SW6010C	T	7439-96-5	Manganese	mg/l	0.0022	J	0.0032							
SW7470A	T	7439-97-6	Mercury	mg/l	0.0002	U	0.0002	U						
SW6010C	T	7440-02-0	Nickel	mg/l	0.01	U	0.01	U						
SW6010C	T	7440-09-7	Potassium	mg/l	0.5	U	0.5	U						
SW6010C	T	7782-49-2	Selenium	mg/l	0.025	U	0.025	U						
SW6010C	T	7440-22-4	Silver	mg/l	0.006	U	0.006	U						
SW6010C	T	7440-23-5	Sodium	mg/l	1	U	22.5							
SW6010C	T	7440-28-0	Thallium	mg/l	0.02	U	0.02	U						
SW6010C	T	7440-62-2	Vanadium	mg/l	0.005	U	0.005	U						
SW6010C	T	7440-66-6	Zinc	mg/l	0.01	U	0.0017	J						
SW9012	NA	57-12-5	Cyanide	mg/l			0.01	UJ						
E1664	NA	OILGREASENONP	Sgt Hem (Oil And Grease - Nonpolar	mg/l			5.5	U						
SM5310C	NA	TOC	Total Organic Carbon	mg/l					1	U				

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			Sample ID:	WSP-EB-02_110520		WSP-EB-02_110620		WSP-EB-02_111820-20201118		WSP-EB-02_111920-20201119		WSP-EB-03_110520	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801777721		4801778881		4801786431		4801786791		4801777321	
			Lab Sample ID:	480-177772-8		480-177888-17		480-178643-11		480-178679-9		480-177732-14	
			Sampled:	11/5/2020		11/6/2020		11/18/2020		11/19/2020		11/5/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
E537(M)	SPE3535	2355-31-9	2-(N-methyl perfluorooctanesulfonamido) acetic acid	ng/l	4.6	U			50	U	4.7	U	4.5	U
E537(M)	SPE3535	2991-50-6	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	ng/l	4.6	U			50	U	4.7	U	4.5	U
E537(M)	SPE3535	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	375-22-4	Perfluorobutanoic Acid	ng/l	4.6	U			50	U	4.7	U	4.5	U
E537(M)	SPE3535	335-77-3	Perfluorodecane Sulfonic Acid	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	335-76-2	Perfluorodecanoic acid (PFDA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	307-55-1	Perfluorododecanoic acid (PFDoA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	375-92-8	Perfluoroheptane Sulfonate (PFHPS)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	375-85-9	Perfluoroheptanoic acid (PFHpA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	307-24-4	Perfluorohexanoic acid (PFHxA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	375-95-1	Perfluorononanoic acid (PFNA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	335-67-1	Perfluorooctanoic acid (PFOA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	376-06-7	Perfluorotetradecanoic acid (PFTA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	72629-94-8	Perfluorotridecanoic Acid (PFTriA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	39108-34-4	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	ng/l	1.8	U			20	U	1.9	U	1.8	U
E537(M)	SPE3535	27619-97-2	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ng/l	4.6	U			50	U	4.7	U	4.5	U
SW8260C	NA	71-55-6	1,1,1-Trichloroethane (TCA)	ug/l							1	U		
SW8260C	NA	79-34-5	1,1,2,2-Tetrachloroethane	ug/l							1	U		
SW8260C	NA	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l							1	U		
SW8260C	NA	79-00-5	1,1,2-Trichloroethane	ug/l							1	U		
SW8260C	NA	75-34-3	1,1-Dichloroethane	ug/l							1	U		
SW8260C	NA	75-35-4	1,1-Dichloroethene	ug/l							1	U		
SW8260C	NA	120-82-1	1,2,4-Trichlorobenzene	ug/l							1	U		
SW8260C	NA	95-63-6	1,2,4-Trimethylbenzene	ug/l							1	U		
SW8260C	NA	96-12-8	1,2-Dibromo-3-Chloropropane	ug/l							1	U		
SW8260C	NA	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	ug/l							1	U		
SW8260C	NA	95-50-1	1,2-Dichlorobenzene	ug/l							1	U		
SW8260C	NA	107-06-2	1,2-Dichloroethane	ug/l							1	U		
SW8260C	NA	78-87-5	1,2-Dichloropropane	ug/l							1	U		
SW8260C	NA	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	ug/l							1	U		
SW8260C	NA	541-73-1	1,3-Dichlorobenzene	ug/l							1	U		
SW8260C	NA	106-46-7	1,4-Dichlorobenzene	ug/l							1	U		
SW8260C	NA	591-78-6	2-Hexanone	ug/l							5	U		
SW8260C	NA	67-64-1	Acetone	ug/l							10	U		
SW8260C	NA	71-43-2	Benzene	ug/l							1	U		
SW8260C	NA	75-27-4	Bromodichloromethane	ug/l							1	U		
SW8260C	NA	75-25-2	Bromoform	ug/l							1	U		
SW8260C	NA	74-83-9	Bromomethane	ug/l							1	U		
SW8260C	NA	75-15-0	Carbon Disulfide	ug/l							1	U		
SW8260C	NA	56-23-5	Carbon Tetrachloride	ug/l							1	U		
SW8260C	NA	108-90-7	Chlorobenzene	ug/l							1	U		
SW8260C	NA	75-00-3	Chloroethane	ug/l							1	U		
SW8260C	NA	67-66-3	Chloroform	ug/l							1	U		
SW8260C	NA	74-87-3	Chloromethane	ug/l							1	U		
SW8260C	NA	156-59-2	Cis-1,2-Dichloroethylene	ug/l							1	U		
SW8260C	NA	10061-01-5	Cis-1,3-Dichloropropene	ug/l							1	U		
SW8260C	NA	110-82-7	Cyclohexane	ug/l							1	U		
SW8260C	NA	124-48-1	Dibromochloromethane	ug/l							1	U		
SW8260C	NA	75-71-8	Dichlorodifluoromethane	ug/l							1	U		
SW8260C	NA	100-41-4	Ethylbenzene	ug/l							1	U		
SW8260C	NA	98-82-8	Isopropylbenzene (Cumene)	ug/l							1	U		
SW8260C	NA	79-20-9	Methyl Acetate	ug/l							2.5	U		

			Sample ID:	WSP-EB-02_110520		WSP-EB-02_110620		WSP-EB-02_111820-20201118		WSP-EB-02_111920-20201119		WSP-EB-03_110520	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801777721		4801778881		4801786431		4801786791		4801777321	
			Lab Sample ID:	480-177772-8		480-177888-17		480-178643-11		480-178679-9		480-177732-14	
			Sampled:	11/5/2020		11/6/2020		11/18/2020		11/19/2020		11/5/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
SW8260C	NA	78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l						10	U		
SW8260C	NA	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l						5	U		
SW8260C	NA	108-87-2	Methylcyclohexane	ug/l						1	U		
SW8260C	NA	75-09-2	Methylene Chloride	ug/l						1	U		
SW8260C	NA	104-51-8	N-Butylbenzene	ug/l						1	U		
SW8260C	NA	103-65-1	N-Propylbenzene	ug/l						1	U		
SW8260C	NA	135-98-8	Sec-Butylbenzene	ug/l						1	U		
SW8260C	NA	100-42-5	Styrene	ug/l						1	U		
SW8260C	NA	98-06-6	T-Butylbenzene	ug/l						1	U		
SW8260C	NA	1634-04-4	Tert-Butyl Methyl Ether	ug/l						1	UJ		
SW8260C	NA	127-18-4	Tetrachloroethylene (PCE)	ug/l						1	U		
SW8260C	NA	108-88-3	Toluene	ug/l						1	U		
SW8260C	NA	156-60-5	Trans-1,2-Dichloroethene	ug/l						1	U		
SW8260C	NA	10061-02-6	Trans-1,3-Dichloropropene	ug/l						1	U		
SW8260C	NA	79-01-6	Trichloroethylene (TCE)	ug/l						1	U		
SW8260C	NA	75-69-4	Trichlorofluoromethane	ug/l						1	U		
SW8260C	NA	75-01-4	Vinyl Chloride	ug/l						1	U		
SW8260C	NA	1330-20-7	Xylenes	ug/l						2	U		
SW8270D	NA	95-95-4	2,4,5-Trichlorophenol	ug/l		5	U			5	U	5	U
SW8270D	NA	88-06-2	2,4,6-Trichlorophenol	ug/l		5	U			5	U	5	U
SW8270D	NA	120-83-2	2,4-Dichlorophenol	ug/l		5	U			5	U	5	U
SW8270D	NA	105-67-9	2,4-Dimethylphenol	ug/l		5	U			5	U	5	U
SW8270D	NA	51-28-5	2,4-Dinitrophenol	ug/l		10	U			10	U	10	U
SW8270D	NA	121-14-2	2,4-Dinitrotoluene	ug/l		5	U			5	U	5	U
SW8270D	NA	606-20-2	2,6-Dinitrotoluene	ug/l		5	U			5	U	5	U
SW8270D	NA	91-58-7	2-Chloronaphthalene	ug/l		5	U			5	U	5	U
SW8270D	NA	95-57-8	2-Chlorophenol	ug/l		5	U			5	U	5	U
SW8270D	NA	91-57-6	2-Methylnaphthalene	ug/l		5	U			5	U	5	U
SW8270D	NA	95-48-7	2-Methylphenol (O-Cresol)	ug/l		5	U			5	U	5	U
SW8270D	NA	88-74-4	2-Nitroaniline	ug/l		10	U			10	U	10	U
SW8270D	NA	88-75-5	2-Nitrophenol	ug/l		5	U			5	U	5	U
SW8270D	NA	91-94-1	3,3'-Dichlorobenzidine	ug/l		5	U			5	U	5	U
SW8270D	NA	99-09-2	3-Nitroaniline	ug/l		10	U			10	U	10	U
SW8270D	NA	534-52-1	4,6-Dinitro-2-Methylphenol	ug/l		10	U			10	U	10	U
SW8270D	NA	101-55-3	4-Bromophenyl Phenyl Ether	ug/l		5	U			5	U	5	U
SW8270D	NA	59-50-7	4-Chloro-3-Methylphenol	ug/l		5	U			5	U	5	U
SW8270D	NA	106-47-8	4-Chloroaniline	ug/l		5	U			5	U	5	U
SW8270D	NA	7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l		5	U			5	U	5	U
SW8270D	NA	106-44-5	4-Methylphenol (P-Cresol)	ug/l		10	U			10	U	10	U
SW8270D	NA	100-01-6	4-Nitroaniline	ug/l		10	U			10	U	10	U
SW8270D	NA	100-02-7	4-Nitrophenol	ug/l		10	U			10	U	10	U
SW8270D	NA	83-32-9	Acenaphthene	ug/l		5	U			5	U	5	U
SW8270D	NA	208-96-8	Acenaphthylene	ug/l		5	U			5	U	5	U
SW8270D	NA	98-86-2	Acetophenone	ug/l		5	U			5	U	5	U
SW8270D	NA	120-12-7	Anthracene	ug/l		5	U			5	U	5	U
SW8270D	NA	1912-24-9	Atrazine	ug/l		5	U			5	U	5	U
SW8270D	NA	100-52-7	Benzaldehyde	ug/l		5	U			5	U	5	U
SW8270D	NA	56-55-3	Benzo(A)Anthracene	ug/l		5	U			5	U	5	U
SW8270D	NA	50-32-8	Benzo(A)Pyrene	ug/l		5	U			5	U	5	U
SW8270D	NA	205-99-2	Benzo(B)Fluoranthene	ug/l		5	U			5	U	5	U
SW8270D	NA	191-24-2	Benzo(G,H,I)Perylene	ug/l		5	U			5	U	5	U
SW8270D	NA	207-08-9	Benzo(K)Fluoranthene	ug/l		5	U			5	U	5	U
SW8270D	NA	85-68-7	Benzyl Butyl Phthalate	ug/l		5	U			5	U	5	U
SW8270D	NA	92-52-4	Biphenyl (Diphenyl)	ug/l		5	U			5	U	5	U
SW8270D	NA	111-91-1	Bis(2-Chloroethoxy) Methane	ug/l		5	U			5	U	5	U
SW8270D	NA	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		5	U			5	U	5	U
SW8270D	NA	108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l		5	U			5	U	5	UJ

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			Sample ID:	WSP-EB-02_110520		WSP-EB-02_110620		WSP-EB-02_111820-20201118		WSP-EB-02_111920-20201119		WSP-EB-03_110520	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801777721		4801778881		4801786431		4801786791		4801777321	
			Lab Sample ID:	480-177772-8		480-177888-17		480-178643-11		480-178679-9		480-177732-14	
			Sampled:	11/5/2020		11/6/2020		11/18/2020		11/19/2020		11/5/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
SW8270D	NA	117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l		5	U			5	U	5	U
SW8270D	NA	105-60-2	Caprolactam	ug/l		5	U			5	U	5	U
SW8270D	NA	86-74-8	Carbazole	ug/l		5	U			5	U	5	U
SW8270D	NA	218-01-9	Chrysene	ug/l		5	U			5	U	5	U
SW8270D	NA	53-70-3	Dibenz(A,H)Anthracene	ug/l		5	U			5	U	5	U
SW8270D	NA	132-64-9	Dibenzofuran	ug/l		10	U			10	U	10	U
SW8270D	NA	84-66-2	Diethyl Phthalate	ug/l		5	U			5	U	5	U
SW8270D	NA	131-11-3	Dimethyl Phthalate	ug/l		5	U			5	U	5	U
SW8270D	NA	84-74-2	Di-N-Butyl Phthalate	ug/l		5	U			5	U	5	U
SW8270D	NA	117-84-0	Di-N-Octylphthalate	ug/l		5	U			5	U	5	U
SW8270D	NA	206-44-0	Fluoranthene	ug/l		5	U			5	U	5	U
SW8270D	NA	86-73-7	Fluorene	ug/l		5	U			5	U	5	U
SW8270D	NA	118-74-1	Hexachlorobenzene	ug/l		5	U			5	U	5	U
SW8270D	NA	87-68-3	Hexachlorobutadiene	ug/l		5	U			5	U	5	U
SW8270D	NA	77-47-4	Hexachlorocyclopentadiene	ug/l		5	U			5	U	5	U
SW8270D	NA	67-72-1	Hexachloroethane	ug/l		5	U			5	U	5	U
SW8270D	NA	193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l		5	U			5	U	5	U
SW8270D	NA	78-59-1	Isophorone	ug/l		5	U			5	U	5	U
SW8270D	NA	91-20-3	Naphthalene	ug/l		5	U			5	U	5	U
SW8270D	NA	98-95-3	Nitrobenzene	ug/l		5	U			5	U	5	U
SW8270D	NA	621-64-7	N-Nitrosodi-N-Propylamine	ug/l		5	U			5	U	5	U
SW8270D	NA	86-30-6	N-Nitrosodiphenylamine	ug/l		5	U			5	U	5	U
SW8270D	NA	87-86-5	Pentachlorophenol	ug/l		10	U			10	U	10	U
SW8270D	NA	85-01-8	Phenanthrene	ug/l		5	U			5	U	5	U
SW8270D	NA	108-95-2	Phenol	ug/l		5	U			5	U	5	U
SW8270D	NA	129-00-0	Pyrene	ug/l		5	U			5	U	5	U
SW8270DSIM	NA	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l		0.2	U			0.2	U	0.2	U
SW8081B	NA	309-00-2	Aldrin	ug/l						0.052	UJ		
SW8081B	NA	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l						0.052	UJ		
SW8081B	NA	959-98-8	Alpha Endosulfan	ug/l						0.052	UJ		
SW8081B	NA	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l						0.052	UJ		
SW8081B	NA	33213-65-9	Beta Endosulfan	ug/l						0.052	UJ		
SW8081B	NA	5103-71-9	cis-Chlordane	ug/l						0.052	UJ		
SW8081B	NA	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	ug/l						0.052	UJ		
SW8081B	NA	60-57-1	Dieldrin	ug/l						0.052	UJ		
SW8081B	NA	1031-07-8	Endosulfan Sulfate	ug/l						0.052	UJ		
SW8081B	NA	72-20-8	Endrin	ug/l						0.052	UJ		
SW8081B	NA	7421-93-4	Endrin Aldehyde	ug/l						0.052	UJ		
SW8081B	NA	53494-70-5	Endrin Ketone	ug/l						0.052	UJ		
SW8081B	NA	58-89-9	Gamma Bhc (Lindane)	ug/l						0.052	UJ		
SW8081B	NA	76-44-8	Heptachlor	ug/l						0.052	UJ		
SW8081B	NA	1024-57-3	Heptachlor Epoxide	ug/l						0.052	UJ		
SW8081B	NA	72-43-5	Methoxychlor	ug/l						0.052	UJ		
SW8081B	NA	72-54-8	P,P'-DDD	ug/l						0.052	UJ		
SW8081B	NA	72-55-9	P,P'-DDE	ug/l						0.052	UJ		
SW8081B	NA	50-29-3	P,P'-DDT	ug/l						0.052	UJ		
SW8081B	NA	8001-35-2	Toxaphene	ug/l						0.52	UJ		
SW8081B	NA	5103-74-2	trans-Chlordane	ug/l						0.052	UJ		
SW8082A	NA	12674-11-2	PCB-1016 (Aroclor 1016)	ug/l						0.52	U		
SW8082A	NA	11104-28-2	PCB-1221 (Aroclor 1221)	ug/l						0.52	U		
SW8082A	NA	11141-16-5	PCB-1232 (Aroclor 1232)	ug/l						0.52	U		
SW8082A	NA	53469-21-9	PCB-1242 (Aroclor 1242)	ug/l						0.52	U		
SW8082A	NA	12672-29-6	PCB-1248 (Aroclor 1248)	ug/l						0.52	U		
SW8082A	NA	11097-69-1	PCB-1254 (Aroclor 1254)	ug/l						0.52	U		
SW8082A	NA	11096-82-5	PCB-1260 (Aroclor 1260)	ug/l						0.52	U		
SW8082A	NA	37324-23-5	PCB-1262 (Aroclor 1262)	ug/l						0.52	U		
SW8082A	NA	11100-14-4	PCB-1268 (Aroclor 1268)	ug/l						0.52	U		

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			Sample ID:	WSP-EB-02_110520		WSP-EB-02_110620		WSP-EB-02_111820-20201118		WSP-EB-02_111920-20201119		WSP-EB-03_110520	
			Sample Type:	EB		EB		EB		EB		EB	
			Matrix:	WQ		WQ		WQ		WQ		WQ	
			SDG:	4801777721		4801778881		4801786431		4801786791		4801777321	
			Lab Sample ID:	480-177772-8		480-177888-17		480-178643-11		480-178679-9		480-177732-14	
			Sampled:	11/5/2020		11/6/2020		11/18/2020		11/19/2020		11/5/2020	
Method	Fraction	CAS_RN	Chemical Name	Unit									
SW8082A	NA	1336-36-3	Polychlorinated Biphenyl (PCBs)	ug/l						0.52	U		
SW8151A	NA	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/l						0.49	UJ		
SW8151A	NA	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l						0.49	UJ		
SW8151A	NA	88-85-7	Dinoseb	ug/l						0.49	UJ		
SW8151A	NA	93-72-1	Silvex (2,4,5-TP)	ug/l						0.49	UJ		
SW6010C	T	7429-90-5	Aluminum	mg/l		0.2	U			0.2	U	0.2	U
SW6010C	T	7440-36-0	Antimony	mg/l		0.02	U			0.02	U	0.02	U
SW6010C	T	7440-38-2	Arsenic	mg/l		0.015	U			0.015	U	0.015	U
SW6010C	T	7440-39-3	Barium	mg/l		0.002	U			0.002	U	0.002	U
SW6010C	T	7440-41-7	Beryllium	mg/l		0.002	U			0.002	U	0.002	U
SW6010C	T	7440-42-8	Boron	mg/l		0.02	U			0.02	U	0.02	U
SW6010C	T	7440-43-9	Cadmium	mg/l		0.002	U			0.002	U	0.002	U
SW6010C	T	7440-70-2	Calcium	mg/l		0.5	U			0.5	U	0.5	U
SW7196A	NA	16065-83-1	Chromium III	mg/l						0.01	U		
SW7196A	NA	18540-29-9	Chromium, Hexavalent	mg/l						0.01	UJ		
SW6010C	T	7440-47-3	Chromium, Total	mg/l		0.004	U			0.004	U	0.004	U
SW6010C	T	7440-48-4	Cobalt	mg/l		0.004	U			0.004	U	0.004	U
SW6010C	T	7440-50-8	Copper	mg/l		0.01	U			0.01	U	0.01	U
SW6010C	T	7439-89-6	Iron	mg/l		0.05	U			0.05	U	0.024	J
SW6010C	T	7439-92-1	Lead	mg/l		0.01	U			0.01	U	0.01	U
SW6010C	T	7439-95-4	Magnesium	mg/l		0.2	U			0.2	U	0.2	U
SW6010C	T	7439-96-5	Manganese	mg/l		0.00073	J			0.00056	J	0.00078	J
SW7470A	T	7439-97-6	Mercury	mg/l		0.0002	U			0.0002	U	0.0002	U
SW6010C	T	7440-02-0	Nickel	mg/l		0.01	U			0.0038	J	0.01	U
SW6010C	T	7440-09-7	Potassium	mg/l		0.5	U			0.5	U	0.5	U
SW6010C	T	7782-49-2	Selenium	mg/l		0.025	U			0.025	U	0.025	U
SW6010C	T	7440-22-4	Silver	mg/l		0.006	U			0.006	U	0.006	U
SW6010C	T	7440-23-5	Sodium	mg/l		1	U			1	U	1	U
SW6010C	T	7440-28-0	Thallium	mg/l		0.02	U			0.02	U	0.02	U
SW6010C	T	7440-62-2	Vanadium	mg/l		0.005	U			0.005	U	0.005	U
SW6010C	T	7440-66-6	Zinc	mg/l		0.01	U			0.01	U	0.01	U
SW9012	NA	57-12-5	Cyanide	mg/l		0.01	U			0.01	U		
E1664	NA	OILGREASENONP	Sgt Hem (Oil And Grease - Nonpolar	mg/l						4.9	U		
SM5310C	NA	TOC	Total Organic Carbon	mg/l				1	U				

PARSONS