



Prepared For:
United Technologies Corp.
Shared Remediation Services
Farmington, CT

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August 2016

SANDERS CREEK
UTC/CARRIER SITE
THOMPSON ROAD, SYRACUSE, NY

Sampling and Analysis Report

Corrective Action Order - Index CO 7-20051118-4
NYSDEC Site Registry #734043





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1.0 Introduction

United Technologies Corporation (UTC)/Carrier prepared a Sampling and Analysis Plan (SAP) to characterize soil contaminant conditions in and adjacent to Sanders Creek. The SAP was prepared in accordance with the requirements outlined in the New York State Department of Environmental Conservation (NYSDEC) Corrective Action Order - Index Consent Order CO 7-20051118-4 (Order), dated January 4, 2006. The SAP was submitted on January 22, 2016 and approved by NYSDEC on March 9, 2016. This report presents the results from implementation of the SAP for Sanders Creek.

Sanders Creek is located in the Town of DeWitt, Onondaga County, New York, approximately 1 mile south of the New York State Thruway (**Figure 1**). The portion of Sanders Creek that is subject to the SAP is located north and west of the UTC/Carrier Thompson Road facility (Facility), extending from Telergy Parkway on the east to the confluence with South Branch of Ley Creek on the west (hereinafter referred to as the Site). Previous sampling events and studies conducted by the NYSDEC and Carrier have identified the presence of polychlorinated biphenyls (PCBs) in both the aquatic biota and the sediment of Sanders Creek.

The Order requires UTC/Carrier, in part, to develop a plan to investigate releases of PCBs related to the Facility to determine the nature and extent of PCB contamination. The SAP was prepared to meet this requirement and specified a sampling program to document PCB and other constituent concentrations in the side beds, banks, floodplains, and stream bed bottom.

1.1 Investigation Objectives

In accordance with the SAP, an investigation was performed in April and May 2016 to obtain representative analytical data to identify the distribution of contaminants in and adjacent to Sanders Creek within the limits of the Site. The specific objectives of the SAP included:

- Measuring the lateral and vertical extent of constituents of interest (in particular PCBs) in soil, if present, in the estimated floodplain of Sanders Creek;
- Assessing for the presence of constituents of interest (in particular PCBs) in soil at specific locations (i.e., former outfall areas or other locations of interest observed in the field);
- Measuring the extent of constituents of interest (in particular PCBs), if present, within the side bed of Sanders Creek; and
- Confirming that the creek bottom soil, underlying sediment is free of Site related contamination. It was assumed in the SAP that creek bottom soil is clay.

The Sampling and Analysis Report presents the findings of the investigation.

2.0 Site Background

This section provides a description of the Site and the nearby area.

2.1 Site Description

The Site is located in the Town of DeWitt, Onondaga County, New York, approximately 1 mile south of the New York State Thruway (**Figure 1**). Sanders Creek flows westward for approximately 8,900 feet (ft) from New Venture Gear Drive northeast of the Carrier Facility to the confluence with South Branch of Ley Creek (**Figure 2**). The area of investigation is the portion of Sanders Creek beginning just east of Telergy Parkway and continuing downstream (west) to the confluence with South Branch of Ley Creek. The Kinne Street ditch, located on the eastern side of the Facility, is the only tributary of Sanders Creek in the immediate Site area.

The Facility occupies approximately 175 acres, much of which is either paved, covered by manufacturing and office buildings, or open grassed areas covering former slabs of demolished buildings. Surface runoff is conveyed to Sanders Creek through established outfalls in the Facility's stormwater collection system or as direct, non-point runoff.

The monitoring program performed in compliance with the Facility's State Pollutant Discharge Elimination System (SPDES) permit had historically detected PCBs in stormwater at outfalls that discharge to Sanders Creek. A stormwater management and treatment system was installed to address stormwater discharges with detectable concentrations of PCBs. The stormwater treatment system began operating in spring 2011.

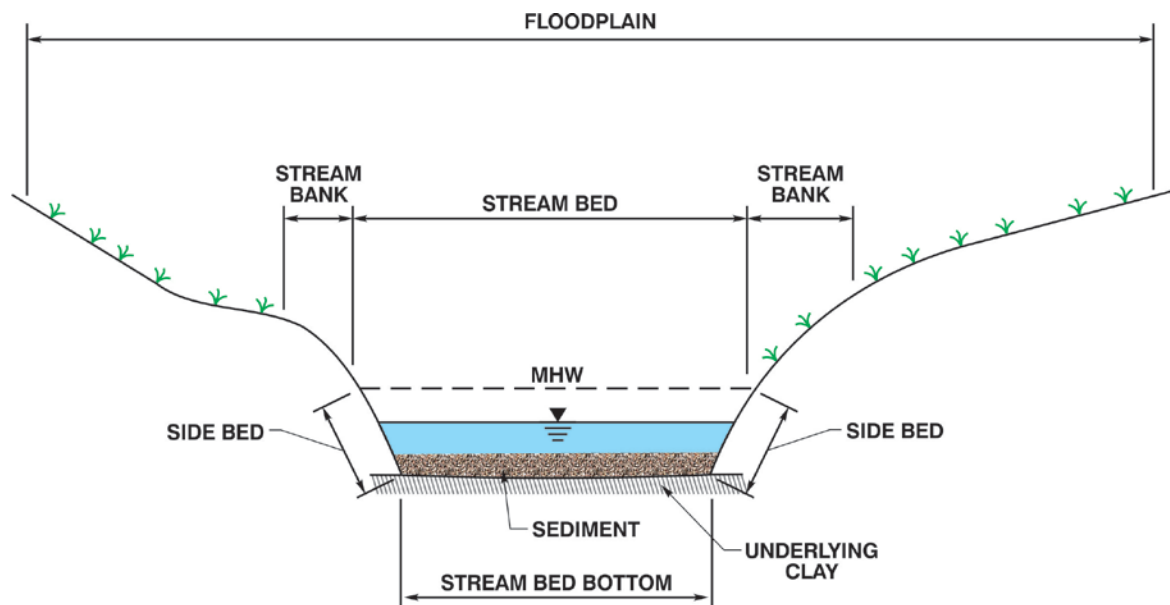
2.1.1 Stream Morphology

The SAP identified sampling points at numerous locations in and adjacent to Sanders Creek. Key features of the stream morphology are defined below:

- Stream Bed Bottom – The stream bed bottom is defined as the base of the stream bed, which is relatively flat and generally contains loose, non-cohesive sediment.
- Sediment – NYSDEC defines sediment as unconsolidated particulate material found at the bottom of lakes, rivers, streams and other water bodies at bed elevations equal to or lower than the mean high water level. NYSDEC's Screening and Assessment of Contaminated Sediments states that, in flowing waters (e.g., streams and rivers), sediment is constantly being moved. Sediment may or may not be present along the entire watercourse.
- Side Bed – The side bed is defined as the portion of the stream bed that slopes up on either side of the stream bottom to the mean high water (MHW) elevation.
- Bank – The stream bank is the land area adjacent to, and which slopes towards the bed of the watercourse, but does not extend more than 50 feet horizontally from the MHW elevation. The top of bank for Sanders Creek is typically characterized by a break in slope above the MHW elevation.
- Floodplain – The floodplain is the adjacent terrestrial area above the bank, potentially inundated during high flow events.

- Underlying Clay – The native material, generally consisting of clay, that underlies the unconsolidated sediment.

As appropriate, this terminology describing stream morphology will be used to describe conditions observed during execution of the SAP.



3.0 Field Investigation Activities

3.1 General Field Activities

The field investigation was performed in late April and early May 2016. Field activities included Site meetings, mobilization, health and safety monitoring, hand augering and/or coring, collection and handling of soils samples, decontamination, management of investigation-derived wastes, and surveying. The field work was performed in accordance with: the NYSDEC-approved SAP; the site-specific Health and Safety Plan (HASP); the Generic Site Investigation Procedures (GSIP); and the Quality Assurance Project Plan (QAPP).

Prior to sampling, the Underground Facilities Protection Organization (UFPO) was contacted to clear exploration locations. In addition, work on Carrier-owned property was coordinated with Carrier and included review of Facility drawings. Work on offsite properties was performed in accordance with access agreements granted by the property owners.

3.2 Sample Collection Methodology and Locations

The field investigation program focused on the collection of floodplain, side bed, stream bed bottom, outfall, and outfall bedding samples. Samples were generally collect by one of two methods:

- The majority of the samples were collected using a stainless steel hand auger that was decontaminated between sampling locations.
- The stream bed bottom samples along the centerline of the creek were generally sampled using a manually advanced Macrocore sampler with a new acetate liner for each location. Where present, sediment was shoveled out of the way to facilitate collection of the undisturbed soil beneath. If soil was present with no sediment on top, the sample was collected using a stainless steel hand auger. A plastic (e.g., polyvinyl chloride) riser was used to minimize surface water when clay samples were collected with a hand auger.

A total of 161 locations were sampled and consisted of the following (see **Figures 3.1** through **3.11**):

- 74 floodplain
- 46 side bed
- 23 stream bed bottom
- 9 outfall
- 9 outfall bedding

Floodplain samples were collected from intervals in accordance to DER-10 3.5.1 (b): 0 to 6 inches (volatile organic compounds [VOCs] only), 0 to 2 inches (other analytes), 6 to 12 inches, and 12 to 24 inches.

Side bed samples were collected from 0 to 6 inches, 6 to 12 inches, and 12 to 24 inches.

Stream bed bottom samples were collected from the upper 6 inches of soil (beneath the sediment, if present). When the anticipated underlying clay was not present in this interval, an attempt was made to advance the boring to the underlying clay for collection of a second sample.

Outfall samples were collected from two locations at each of nine existing and former outfalls on Carrier property. At each location, one sample was located in Sanders Creek just downstream from the end of the outfall. These samples were collected in the same manner as the clay samples. The second sample, referred to as “outfall bedding”, was collected from the pipe bedding material associated with the outfall pipe. Sampling the outfall bedding generally consisted of hand augering alongside the outfall pipe from ground surface until the bedding material was encountered.

A sampling log was prepared by the sampling technician for each location. The sampling logs provided a description of soil encountered. Copies of the logs are provided in **Appendix A**.

3.3 Sample Nomenclature

Floodplain samples were identified based on their transect location relative to the nearest survey station of the Sanders Creek centerline. The floodplain sample names also included the abbreviation for floodplain (i.e., FP), the location of the sample either on the north or south side of the creek (i.e., N or S), and the relative location of the samples on the floodplain transect (i.e., low [L], mid [M], or high [H]). For example, sample 6790-FP-N-M was a floodplain sample (FP) collected near station 6790 on the north side (N) of the creek. The sample was the middle floodplain sample (M) collected from that transect.

Side bed samples were identified based on their location relative to the survey station of the Sanders Creek centerline and whether the sample was collected from the north or south side of the creek. For example, sample 6550-SB-N was a side bed (SB) sample collected near station 6550 on the north (N) side of the creek. Some side bed samples were located on steep creek banks or near infrastructure. These samples were given an “INF” designation.

Floodplain and side bed samples also included a designation that identified the sample depth. For example: 0-2 (0 to 2 inches), 0-6 (0 to 6 inches), 6-12 (6 to 12 inches), and 12-24 (12 to 24 inches).

Stream bed bottom samples were identified based on their location relative to the survey station of the Sanders Creek centerline. For example, sample 6580-C was a stream bed bottom sample collected from the center of the stream near station 6580.

Outfall and outfall bedding samples were identified based on their location relative to the survey station of the Sanders Creek centerline alignment and the outfall number. For example, sample 6970-OF-009 was an outfall sample (OF) collected from outfall 009 located near station 6970. An outfall bedding sample would have an “OFB” designation in place of the “OF” designation.

3.4 Variance from the SAP

According to the SAP, analysis of VOCs, semi-volatile organic compounds (SVOCs), and metals, for floodplain and side bed samples collected below 6 inches and downstream of the Carrier property were to be held pending results from the shallower samples as well as the Carrier property samples. Ultimately, all analyses were performed.

The 5150-FP-S-M and 5150-FP-S-H sample locations were found to be sited in a rip-rap filled swale. Following discussion with the NYSDEC, the sampling program was modified, and two samples were collected from each of these locations. At each location, one sample was collected from the soil matrix within the rip-rap above the saturated zone and another sample was collected from the underlying saturated soil matrix within the rip-rap. Also, one additional location, 5175-FP-S-M, was added and sampled outside the swale, to the east.

As discussed previously, an additional sample of the soil materials at the proposed stream bed bottom locations were collected at locations where the underlying clay was not immediately encountered. As noted above, in only two locations the underlying clay was not observed; however, a sample was collected at the boring terminus at these locations.

3.5 Decontamination Procedures and IDW Management

Sampling equipment, such as hand augers or cores, stainless steel sampling devices, and mixing bowls, were decontaminated using the following procedures:

- Alconox (or equivalent) and potable water wash;
- Potable water rinse; and
- Distilled/deionized water rinse.

Decontamination liquids were placed in drums for subsequent offsite disposal.

3.6 Surveying

At the completion of sampling, sample locations were surveyed by a licensed AECOM land surveyor. Locations and elevations were measured to 0.01 ft. Location measurements were referenced to New York State Plane Central Zone North American Datum of 1983 (NAD 83) and elevations were referenced to the North American Vertical Datum of 1988 (NAVD 88).

The base map used in the SAP and in this report was developed by aerial mapping performed in January 2014 by Thew Associates. The base map presents an approximate edge of waterline, which is used to depict the stream bed bottom boundary. Actual surveyed locations of some sample points do not match exactly with this interpreted boundary. In such cases, the proposed location shown in the SAP was maintained to reflect the intended purpose (side bed, stream bed bottom, and floodplain) of the sample.

3.7 Analytical Program

Analytical parameters included VOCs, SVOCs, PCBs, and the eight Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). Samples for VOC analysis were collected using TerraCore samplers. The samples for the remaining analytes were collected by homogenizing the sample, and placing the required volumes in the appropriate laboratory-provided sample containers. **Table 1** identifies sample bottle, volume, preservation, and holding time requirements.

The samples were submitted to Accutest Laboratories, located in Marlborough, MA, for analytical testing for the parameters listed in **Table 2**. The samples were transported by AECOM personnel or Accutest personnel to an Accutest sub-office located near the Site. Accutest then packaged and shipped the samples to the Accutest laboratory. Category B deliverable packages were requested for all sample delivery groups.

3.8 Sampling Observations

As documented in the observation logs, and summarized in **Table 3**, sediments within the Sanders Creek stream bed bottom consisted of loose silt, sand and gravel deposits, with some organic matter. At nine of the 23 locations, no sediment was present. The absence of sediment occurred more

frequently at downstream reaches of the investigation area (i.e., at eight of the nine farthest downstream locations).

The SAP was developed with the assumption that the underlying clay would be the first unit encountered below sediment in the stream bed bottom based on previous studies. However, in the vicinity of the Facility, stream bed bottom samples identified deposits of brown to gray silty fine sand with varying amounts of gravel and clay below the sediment. This stream bed bottom type is interpreted as a silty clay/clayey silt unit. The silty clay/clayey silt unit was not generally observed downstream of Station 3825 (located downstream of Thompson Road and shown on Figure 3.6 through 3.11). Past Station 3825, the stream bed bottom below the sediment (or at the surface in the absence of sediment) was the underlying clay that was previously assumed to be present along the entire reach of Sanders Creek during development of the SAP.

Based on these observations and a review of stratigraphic information collected during other Site investigations, Sanders Creek appears to cut into the regional silty clay/clayey silt and underlying clay units. This transition from silty clay/clayey silt to underlying clay in stream bed bottom material is likely due (in part) to the 20-ft drop in stream elevation from the eastern extent to the western extent of the Site.

Gray clay, interpreted as the underlying clay unit, was encountered in all but 2 of the 23 sampling locations (2600-C and 3825-C).

The soil in the side bed and floodplain generally consisted of topsoil underlain by silts and sands with varying amounts of clay and gravel. Side bed and floodplain soil did not contain silt or sand bedding typical of recent alluvial deposition (i.e., evidence of sediment as unconsolidated particulate material). The soil was generally consistent with the regional silty clay/clayey silt unit.

4.0 Investigation Results

This report section provides a summary of the laboratory analytical results.

4.1 Data Validation

The chemical analytical results for soil and groundwater samples were validated by an AECOM chemist following NYSDEC DER-10 and USEPA Region II data validation procedures. The validated data is provided in a data usability summary report (DUSR).

The DUSR presents deviations from the relevant QC requirements and the associated qualifications to the sample data warranted by these deviations. QC issues discussed in the DUSR include surrogate sample recoveries, matrix spike recoveries, duplicate sample analyses, instrument calibration and performance and method and field blank sample analyses. The report also presents copies of the laboratory reporting forms with hand written qualifications made by the data reviewer. The data presented in the summary tables included in this report reflect these qualifications.

An electronic copy (disk) of the DUSR narrative and tables is provided in **Appendix B**. An electronic copy of the DUSR attachments (Form 1s, and Support Documentation), is available on request.

4.2 Applicable Standards, Criteria, and Guidance

For purposes of evaluating the magnitude and extent of soil impacts, the analytical results are compared to 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Restricted Use Soil Cleanup Objectives (SCOs) for:

- Protection of Public Health; Residential, and
- Protection of Ecological Resources.

4.3 Analytical Results

A total of 424 soil samples and 20 duplicate samples were collected from 161 locations and submitted to the laboratory for chemical analysis.

The analytical results are presented in **Table 3**. **Figures 3.1 – 3.11** summarize the results for the samples exceeding the selected SCOs.

5.0 Evaluation of Findings

5.1 Discussion of Creek Morphology

Observations made during sampling indicate that Sanders Creek is a watercourse cut into regional deposits of silty clay/clayey silt and underlying clay units. While there may have been some minor deposition of unconsolidated particulate material during high flow events, the floodplain soil does not appear to be the result of stream deposition.

5.2 Discussion of Analytical Results

The analytical results show soil impacted above the SCOs by PCBs, SVOCs, and metals with limited areas of VOCs impacts.

PCBs

For PCBs, review of Figures 3.1 to 3.11 shows that the pattern of sampling points was appropriate and generally sufficient to define the aerial extent of impacts, with the outer limits defined by samples with no exceedances of the selected SCOs (1,000 ug/kg).

Throughout the length of the Site, the horizontal extent of PCB detections exceeding selected SCOs corresponds to a elevation approximately 6 ft above the stream boundary elevation. The stream boundary elevation referred to is that boundary illustrated in blue on the base map shown on Figures 3.1 through 3.11. This pattern of PCB detections in the floodplain is indicative of transport having occurred to these areas during high flow events. The horizontal delineation of PCBs is further substantiated by the fact that only one of the 18 samples collected from the farthest end of the floodplain transects (Location 5240-FP-S-H on Figure 3.4) indicated an exceedance for total PCBs.

The one exception where PCB concentrations exceeded the selected SCOs beyond the generally observed horizontal extent was sample location 5960-OF-004, which is an outfall location.

All but one PCB detection were below 50,000 ug/kg. The exception was at side bed sample location 4810-SB-N (12 to 24 inches) where a total PCB concentration of 57,200 ug/kg was detected.

PCBs were not detected above the selected SCOs at any of the stream bed bottom samples; however, numerous floodplain and side bed locations had exceedances at the 12 inch to 24 inch maximum sample depth interval.

VOCs

VOC exceedances (primarily trichloroethene) are present primarily on Carrier property in the area north of the TR-3 North Wall.

SVOCs

SVOCs are common urban contaminants from such sources as asphaltic products and automobile combustion of carbon based fuel. Sanders Creek parallels New York State Route 298 and, as such, some level of background SVOC compounds would be expected. An apparent background concentration of SVOCs occurs within the vicinity of the Site based on the slightly elevated concentrations detected (approximately 1,000 ug/kg to 5,000 ug/kg) both upstream of the Site and outside the areal extent of PCBs (discussed above).

There are locations where SVOC are more elevated, by an order of magnitude or more, and likely impacted by past facility discharges. Those locations are co-located within the horizontal extent of PCBs.

Metals

Metals detected in exceedance of the selected SCOs at one or more locations included arsenic, barium, cadmium, chromium, lead, mercury, and silver. Metals detected in exceedance of selected SCOs where co-located within the areal extent of PCB exceedances, with four exceptions: 6790-FP-N-H (lead); 5320-FP-N-H (lead); 3850-FP-S-H (arsenic); and 2600-FP-S-H (barium, cadmium, lead, and silver).

6.0 Summary

The following conclusions may be drawn based on the data collected during this investigation:

- The pattern of sampling points was appropriate and sufficient to define the horizontal extent of impacts, with the outer limits defined by samples with no exceedances of selected PCB SCOs.
- The pattern of PCB soil impacts is consistent with transport occurring during high flow events with apparent maximum high water events of approximately 6 ft above the elevation of the stream boundary, as illustrated on the base mapping.
- VOC impacts (primarily trichloroethene) are present primarily on Carrier property in the area north of the TR-3 North Wall.
- Metals and SVOC soil impacts are predominantly co-located with PCBs.
- The stream bed bottom has areas of deposition with accumulated sediment (14 of 23 locations), and areas of scour with no sediments present (9 of 23 locations).
- The stream bottom consists of two regional stratigraphic units: a silty clay/clayey silt unit and a gray clay unit (also referred to as the underlying clay). As the creek profile elevation falls from east to west (approximately 20 ft over the Site), the bottom transitions from the silty clay/clayey silt unit to the underlying clay.
- Excluding topsoil, side bed and floodplain soils consisted of the regional silty clay/clayey silt unit. Sediment deposits from Sanders Creek appear to be limited to the stream bed bottom.

Tables

Table 1
Sample Bottle, Volume, Preservation, and Holding Time Summary
UTC/Carrier Sanders Creek Site Sampling and Analysis Plan

MATRIX/ANALYSIS	Sample Prep Method ¹	Analytical Method ⁽²⁾	Sample Bottles (3)				Minimum Vol Rqd	Preservation (4)	Holding Time (4, 5)	
			Mat'l	Size	Qty	Source			Extraction	Analysis
Non-Aqueous Samples										
Volatile Organics	SW 846 5035A	SW 846 8260C	TerraCore	5 or 25 g	3 or 1	Vendor ⁷	5 g	None	NA	48 hours ⁸
Semivolatile Organics	SW 846 3540C/3541/3545A	SW 846 8270D	G	8 oz ⁽⁶⁾	1	Lab	30 g	None	14 days	40 days
Polychlorinated Biphenyls	SW 846 3540C/3541/3545A	SW 846 8082A	G	"	"	Lab	30 g	None	14 days	40 days
RCRA 8 Metals	SW 846 3050B/3051A/3052	SW 846 6010C	G	"	"	Lab	10 g	None	NA	180 days

Notes:

(1) Laboratory may propose alternate extraction/preparation methods, subject to AECOM approval.

(2) More recent versions of SW-846 methods may be used subject to AECOM approval.

(3) Bottles typical. TerraCore samplers for Volatile Organics in soil will be provided by laboratory or AECOM on a case-by-case basis.

(4) All samples for chemical analysis should be held at 4 degrees Celsius in addition to any chemical preservation required.

(5) Holding time calculated from day of collection, unless noted as being from time of extraction. Laboratory holding times (ASP 2005, Exhibit I) are two days shorter to allow for field handling and shipping.

(6) A single 8-oz. sample is sufficient for Semivolatile Organics, Polychlorinated Biphenyls, and RCRA 8 Metals.

(7) TerraCore samplers are typically purchased from an outside supplier by AECOM but may also be requested (for a fee) from the analytical laboratory.

(8) TerraCore samplers must be prepared/preserved in the laboratory within 48 hours of collection. Soil samples in glass bottles and preserved TerraCores have a 14 day (total) holding time.

G = Glass

RCRA = Resource Conservation and Recovery Act of 1976 (8 Metals)

SW-846: Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. USEPA SW-846. Complete through Update IV, March 2009.

Table 2
Sampling and Analysis Plan - Laboratory Analyses
UTC/Carrier Sanders Creek Site

Reporting Limits and QA/QC Sample Quantity Summary

MATRIX/ANALYSIS	Analytical Method	Laboratory	Reporting Limit -Typical (units as specified)	Field Sample Quantity	Matrix Spike (MS) or LCS	MS Duplicate or Matrix Duplicate	Field Duplicate	Equipment/ Field Blank	Total Analyses
Soil/Sediment Samples									
Volatile Organics	SW 846 8260C	ACCUTEST	5 µg/kg (typical)	399	20	20	20	10	469
Semivolatile Organics	SW 846 8270D	ACCUTEST	330 µg/kg (typical)	401	21	21	20	10	473
PCBs	SW 846 8082A	ACCUTEST	57 - 70 µg/kg	425	20	20	20	10	495
RCRA 8 Metals	SW 846 6010C	ACCUTEST	Analyte-specific	401	21	21	20	10	473

PCBs = Polychlorinated Biphenyls

RCRA = Resource Conservation and Recovery Act of 1976 (8 Metals)

µg/kg = micrograms per kilogram

LCS = Laboratory Control Sample

TABLE 3
UTC/CARRIER SITE
SANDERS CREEK STREAM BOTTOM SAMPLING SUMMARY

WEST												EAST														
Location ID	0100-C		0400-C		0650-C		2050-C		2300-C		2600-C		2900-C		3200-C		3650-C		3825-C		4000-C		4300-C			
Depth Interval (ft)	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit		
0-0.5	Brown gray clay, trace silt	Clay	Gray clay	Clay	Gray clay	Clay	Gray clay	Clay	Gray clay	Clay	Brown fine to coarse gravel, some fine to coarse sand, little silt, loose	Sediment	Gray clay	Clay	Gray clay	Clay	Gray clay	Clay	Brown fine to coarse gravel, some fine to coarse sand, some organic debris, little silt, loose	Sediment	Brown fine to coarse gravel, some fine to coarse sand, loose	Sediment	Gray silty clay, compact	Clay		
0.5-1.0																										
1.0-1.5												Brown silty fine sand, some fine to coarse gravel, very compact, with dense till-like texture								Silty Clay/Clayey Silt						
1.5-2.0																										
2.0-2.5																								Silty Clay/Clayey Silt		
2.5-3.0																										
3.0-3.5																										
3.5-4.0																										
4.0-4.5																										
4.5-5.0																										
5.0-5.5																									Reddish brown, silty fine sand, little fine gravel, trace clay, compact	Silty Clay/Clayey Silt
5.5-6.0																										
6.0-6.5																										
6.5-7.0																										
																								Clay		

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MADE OF THIS DOCUMENT, ITS CONTENTS, OR ITS SUBJECT MATTER.

TABLE 3
UTC/CARRIER SITE
SANDERS CREEK STREAM BOTTOM SAMPLING SUMMARY

WEST												EAST											
Location ID	4725-C		5150-C		5400-C		5700-C		6000-C		6325-C		6580-C		6900-C		7090-C		7210-C		7310-C		
Depth Interval (ft)	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	Sample Description	Corresponding Stratigraphic Unit	
0-0.5	Brown gravel, some fine to coarse sand, loose	Sediment	Brown fine to medium sand, some silt, little organic material, loose	Sediment	Brown fine to coarse gravel, some fine to medium sand, little silt, loose	Sediment	Brown gravel, some medium to coarse sand, trace silt, loose	Sediment	Brown gravel, some fine to medium sand, trace silt, loose	Sediment	Brown fine to coarse gravel, some fine to coarse sand, trace silt, loose	Sediment	Brown fine to coarse sand, some fine to coarse gravel, little silt, loose	Sediment	Brown fine to coarse sand, some fine to coarse gravel, some brick and concrete fragments, loose	Sediment	Coarse gravel and cobbles up to 8 inches in diameter	Sediment	Coarse gravel and cobbles up to 8 inches in diameter	Sediment	Coarse gravel and cobbles up to 8 inches in diameter, little medium to coarse sand and fine gravel, loose	Sediment	
0.5-1.0	Gray silt, some clay, little peat lenses, trace fine sand, compact	Silty Clay/Clayey Silt	Gray silty fine sand, loose		Silty Clay/Clayey Silt	Brown silty fine sand, little clay, compact	Silty Clay/Clayey Silt	Brown medium sand, trace silt, loose	Silty Clay/Clayey Silt	Gray clay	Clay	Gray clay, little fine to coarse gravel and sand, compact	Silty Clay/Clayey Silt	Gray silty fine sand, little clay, compact	Silty Clay/Clayey Silt	Gray silty fine sand, little clay, compact	Silty Clay/Clayey Silt		Dark brown silt, some fine to coarse gravel, some organic	Brown silt, some fine sand, trace fine to coarse gravel, compact	Silty Clay/Clayey Silt	Brown silt, some fine sand, little clay, compact	Silty Clay/Clayey Silt
1.0-1.5																							
1.5-2.0																							
2.0-2.5																							
2.5-3.0																							
3.0-3.5																							
3.5-4.0																							
4.0-4.5																							
4.5-5.0				Gray clay, trace silt, compact														Clay					
5.0-5.5																							
5.5-6.0																							
6.0-6.5																							
6.5-7.0																							

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-N	0040-SB-N	0040-SB-N	0040-SB-S	0040-SB-S
Sample ID				0040-SB-N-0-6	0040-SB-N-6-12	0040-SB-N-12-24	0040-SB-S-0-6	DUP-19
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.4 U	2.2 U	2.2 U	2.6 U	2.4 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.4 U	2.2 U	2.2 U	2.6 UJ	2.4 U
1,1-Dichloroethene	UG/KG	NS	100000	2.4 U	2.2 U	2.2 U	2.6 U	2.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	7.5 J	10.3 J	5.3 J	2.3 J	2.1 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	0.56 J	2.2 U	2.2 U	2.6 U	2.4 U
2-Hexanone	UG/KG	-	-	12 UJ	11 U	11 U	13 U	12 U
4-Methyl-2-pentanone	UG/KG	-	-	6 U	5.5 U	5.5 U	6.4 U	6 U
Acetone	UG/KG	2200	100000	59.9 J	62.5 J	56.7 J	95.0 J	74.4 J
Benzene	UG/KG	70000	2900	0.6 U	0.55 U	0.55 U	1.0 J	0.70 J
Bromomethane	UG/KG	-	-	2.4 U	2.2 UJ	2.2 UJ	2.6 UJ	2.4 UJ
Carbon disulfide	UG/KG	-	-	11.0 J	8.4 J	7.5 J	19.7 J	14.8 J
Chloroform	UG/KG	12000	10000	2.4 U	2.2 U	2.2 U	2.6 U	2.4 U
Chloromethane	UG/KG	-	-	6 U	5.5 UJ	5.5 UJ	6.4 UJ	6 UJ
Ethylbenzene	UG/KG	NS	30000	2.4 U	2.2 U	2.2 U	2.6 U	2.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	10.3 J	7.9 J	7.1 J	17.5 J	13.0 J
Methylene chloride	UG/KG	12000	51000	2.4 U	2.2 U	2.2 U	2.6 U	2.4 U
Tetrachloroethene	UG/KG	2000	5500	0.47 J	0.44 J	2.2 U	2.6 U	2.4 U
Toluene	UG/KG	36000	100000	6 U	5.5 U	5.5 U	6.4 U	6 U
Trichloroethene	UG/KG	2000	10000	30.3 J	36.1 J	21.0 J	9.1 J	5.9 J
Vinyl chloride	UG/KG	NS	210	2.6 J	2.2 UJ	2.2 UJ	2.6 UJ	2.4 UJ

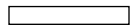
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-N	0040-SB-N	0040-SB-N	0040-SB-S	0040-SB-S
Sample ID				0040-SB-N-0-6	0040-SB-N-6-12	0040-SB-N-12-24	0040-SB-S-0-6	DUP-19
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.8 J	1.4 J	1.5 J	2.6 U	2.4 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
2,4-Dimethylphenol	UG/KG	-	-	640 U	650 U	630 U	690 U	660 U
2-Methylnaphthalene	UG/KG	-	-	23.8 J	27.2 J	130 U	23.7 J	35.2 J
2-Nitroaniline	UG/KG	-	-	640 U	650 U	630 U	690 U	660 U
3&4-Methylphenol	UG/KG	NS	34000	640 U	650 U	630 U	690 U	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
4-Chloroaniline	UG/KG	-	-	640 U	650 U	630 U	690 U	660 U
Acenaphthene	UG/KG	20000	100000	59.0 J	79.1 J	24.2 J	96.0 J	141
Acenaphthylene	UG/KG	NS	100000	45.7 J	42.9 J	18.7 J	26.2 J	28.8 J
Anthracene	UG/KG	NS	100000	136	174	59.1 J	229	331
Benzo(a)anthracene	UG/KG	NS	1000	486	626	190	1,130	1,210
Benzo(a)pyrene	UG/KG	2600	1000	506	625	237	1,230	1,230
Benzo(b)fluoranthene	UG/KG	NS	1000	484	601	211	1,330	1,240
Benzo(g,h,i)perylene	UG/KG	NS	100000	277	327	104 J	842	765
Benzo(k)fluoranthene	UG/KG	NS	1000	431	568	203	1,140	1,110

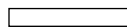
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-N	0040-SB-N	0040-SB-N	0040-SB-S	0040-SB-S
Sample ID				0040-SB-N-0-6	0040-SB-N-6-12	0040-SB-N-12-24	0040-SB-S-0-6	DUP-19
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	216 J	243 J	196 J	260 J	330 U
Butylbenzylphthalate	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
Carbazole	UG/KG	-	-	91.7 J	127 J	38.5 J	238	281
Chrysene	UG/KG	NS	1000	538	662	204	1,440	1,370
Dibenz(a,h)anthracene	UG/KG	NS	330	157	147	78.2 J	286	315
Dibenzofuran	UG/KG	NS	14000	35.7 J	45.7 J	13.7 J	63.5 J	91.1 J
Dimethylphthalate	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
Di-n-butylphthalate	UG/KG	-	-	320 U	48.6 J	320 U	340 U	330 U
Di-n-octylphthalate	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
Fluoranthene	UG/KG	NS	100000	1,120	1,510	430	2,920	2,920
Fluorene	UG/KG	30000	100000	63.8 J	78.7 J	22.0 J	110 J	155
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	360	432	189	878	834
Isophorone	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
Naphthalene	UG/KG	NS	100000	32.3 J	35.1 J	130 U	40.7 J	68.7 J
Nitrobenzene	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	330 U	320 U	340 U	330 U
Phenanthrene	UG/KG	NS	100000	672	929	280	1,510	1,740
Phenol	UG/KG	30000	100000	320 U	330 U	320 U	340 U	330 U
Pyrene	UG/KG	NS	100000	1,000	1,260	375	2,450	2,490

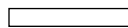
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-N	0040-SB-N	0040-SB-N	0040-SB-S	0040-SB-S
Sample ID				0040-SB-N-0-6	0040-SB-N-6-12	0040-SB-N-12-24	0040-SB-S-0-6	DUP-19
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	43 U	41 U	45 U	44 U
Aroclor 1254	UG/KG	-	-	1,780 D	1,560 DJ	1,610 DJ	284 DJ	348 J
Aroclor 1260	UG/KG	-	-	1,450 DJ	1,880 D	2,140 D	749 D	788
Total Polychlorinated Biphenyls	UG/KG	1000	1000	3,230	3,440	3,750	1,033	1,136
Metals								
Arsenic	MG/KG	13	16	17.4	13.4	12.0	6.0	5.9
Barium	MG/KG	433	350	68.7	110	67.6	67.1	62.7
Cadmium	MG/KG	4	2.5	1.7	2.3	0.96	0.59	0.63
Chromium	MG/KG	41	36	75.9 J	113	62.1	29.1	31.5
Lead	MG/KG	63	400	46.2	95.2	37.6	34.4	35.8
Mercury	MG/KG	0.18	0.81	0.30	0.48	0.20	0.12	0.13
Selenium	MG/KG	3.9	36	0.97 U	0.95 U	0.93 U	1 U	0.99 U
Silver	MG/KG	2	36	0.28 J	1.5	0.47 U	0.37 J	0.30 J

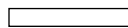
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-S	0040-SB-S	0100-C	0125-FP-S	0125-FP-S
Sample ID				0040-SB-S-6-12	0040-SB-S-12-24	0100-C-0-6	0125-FP-S-0-2	0125-FP-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	2.5 U	NA	NA	2.6 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 UJ	2.5 U	NA	NA	2.6 U
1,1-Dichloroethene	UG/KG	NS	100000	2.5 U	2.5 U	NA	NA	2.6 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.4 J	2.5 U	NA	NA	2.5 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.5 U	2.5 U	NA	NA	2.6 U
2-Hexanone	UG/KG	-	-	13 U	13 U	NA	NA	13 U
4-Methyl-2-pentanone	UG/KG	-	-	6.3 U	6.3 U	NA	NA	6.6 U
Acetone	UG/KG	2200	100000	96.9 J	16.0 J	NA	NA	111 J
Benzene	UG/KG	70000	2900	1.0 J	0.74 J	NA	NA	0.97
Bromomethane	UG/KG	-	-	2.5 UJ	2.5 UJ	NA	NA	2.6 UJ
Carbon disulfide	UG/KG	-	-	19.2 J	1.3 J	NA	NA	14.1
Chloroform	UG/KG	12000	10000	2.5 U	2.5 U	NA	NA	2.6 U
Chloromethane	UG/KG	-	-	6.3 UJ	6.3 UJ	NA	NA	6.6 UJ
Ethylbenzene	UG/KG	NS	30000	2.5 U	2.5 U	NA	NA	1.7 J
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	15.9 J	R	NA	NA	20.5 J
Methylene chloride	UG/KG	12000	51000	2.5 U	2.5 U	NA	NA	2.6 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	2.5 U	NA	NA	2.6 U
Toluene	UG/KG	36000	100000	6.3 U	6.3 U	NA	NA	6.6 U
Trichloroethene	UG/KG	2000	10000	7.4 J	0.71 J	NA	NA	6.8
Vinyl chloride	UG/KG	NS	210	2.5 UJ	2.5 UJ	NA	NA	2.6 UJ

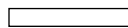
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-S	0040-SB-S	0100-C	0125-FP-S	0125-FP-S
Sample ID				0040-SB-S-6-12	0040-SB-S-12-24	0100-C-0-6	0125-FP-S-0-2	0125-FP-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.6 J	2.5 U	NA	NA	1.9 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 U	320 U	NA	380 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	340 U	320 U	NA	380 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	340 U	320 U	NA	380 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	340 U	320 U	NA	380 U	NA
2,4-Dimethylphenol	UG/KG	-	-	680 U	640 U	NA	750 U	NA
2-Methylnaphthalene	UG/KG	-	-	72.0 J	130 U	NA	28.7 J	NA
2-Nitroaniline	UG/KG	-	-	680 U	640 U	NA	750 U	NA
3&4-Methylphenol	UG/KG	NS	34000	680 U	640 U	NA	750 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	340 U	320 U	NA	380 U	NA
4-Chloroaniline	UG/KG	-	-	680 U	640 U	NA	750 U	NA
Acenaphthene	UG/KG	20000	100000	319	130 U	NA	109 J	NA
Acenaphthylene	UG/KG	NS	100000	40.2 J	130 U	NA	46.3 J	NA
Anthracene	UG/KG	NS	100000	743	130 U	NA	280	NA
Benzo(a)anthracene	UG/KG	NS	1000	2,200	21.5 J	NA	1,450	NA
Benzo(a)pyrene	UG/KG	2600	1000	2,000	130 U	NA	1,750	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	1,990	130 U	NA	2,160	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,180	130 U	NA	1,450	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	1,810	130 U	NA	1,660	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-S	0040-SB-S	0100-C	0125-FP-S	0125-FP-S
Sample ID				0040-SB-S-6-12	0040-SB-S-12-24	0100-C-0-6	0125-FP-S-0-2	0125-FP-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 U	320 U	NA	380 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	340 U	320 U	NA	219 J	NA
Butylbenzylphthalate	UG/KG	-	-	340 U	320 U	NA	380 U	NA
Carbazole	UG/KG	-	-	598	130 U	NA	297	NA
Chrysene	UG/KG	NS	1000	2,420	24.2 J	NA	2,090	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	366	130 U	NA	382	NA
Dibenzofuran	UG/KG	NS	14000	251	130 U	NA	75.8 J	NA
Dimethylphthalate	UG/KG	-	-	340 U	320 U	NA	380 U	NA
Di-n-butylphthalate	UG/KG	-	-	340 U	320 U	NA	28.3 J	NA
Di-n-octylphthalate	UG/KG	-	-	340 U	320 U	NA	380 U	NA
Fluoranthene	UG/KG	NS	100000	5,550	54.3 J	NA	3,930	NA
Fluorene	UG/KG	30000	100000	390	130 U	NA	118 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,310	130 U	NA	1,430	NA
Isophorone	UG/KG	-	-	340 U	320 U	NA	380 U	NA
Naphthalene	UG/KG	NS	100000	143	130 U	NA	51.1 J	NA
Nitrobenzene	UG/KG	-	-	340 U	320 U	NA	380 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 U	320 U	NA	380 U	NA
Phenanthrene	UG/KG	NS	100000	4,420	33.6 J	NA	1,660	NA
Phenol	UG/KG	30000	100000	340 U	320 U	NA	380 U	NA
Pyrene	UG/KG	NS	100000	4,710	46.6 J	NA	3,330	NA

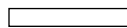
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value. 'R' - the data is rejected.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

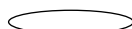
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0040-SB-S	0040-SB-S	0100-C	0125-FP-S	0125-FP-S
Sample ID				0040-SB-S-6-12	0040-SB-S-12-24	0100-C-0-6	0125-FP-S-0-2	0125-FP-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	43 U	42 U	51 U	NA
Aroclor 1254	UG/KG	-	-	212 J	43 U	42 U	371 J	NA
Aroclor 1260	UG/KG	-	-	790	43 UJ	42 U	1,280 D	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,002	43 U	42 U	1,651	NA
Metals								
Arsenic	MG/KG	13	16	5.7	27.9	NA	5.8	NA
Barium	MG/KG	433	350	61.4	67.3	NA	71.0	NA
Cadmium	MG/KG	4	2.5	0.64	0.12 J	NA	0.71	NA
Chromium	MG/KG	41	36	27.3	20.0	NA	28.3	NA
Lead	MG/KG	63	400	33.2	12.0	NA	36.6	NA
Mercury	MG/KG	0.18	0.81	0.11	0.026 J	NA	0.16	NA
Selenium	MG/KG	3.9	36	1 U	0.96 U	NA	1.1 U	NA
Silver	MG/KG	2	36	0.28 J	0.48 U	NA	0.33 J	NA

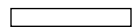
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0125-FP-S	0125-FP-S	0400-C	0400-SB-N	0400-SB-N
Sample ID				0125-FP-S-6-12	0125-FP-S-12-24	0400-C-0-6	0400-SB-N-0-6	DUP-20
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	2.3 U	NA	2.6 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 U	2.3 UJ	NA	2.6 UJ	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	2.5 U	2.3 U	NA	2.6 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.2 J	1.7 J	NA	2.5 J	4.3 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.5 U	2.3 U	NA	2.6 U	2.3 U
2-Hexanone	UG/KG	-	-	12 U	12 U	NA	13 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	6.2 U	5.8 U	NA	6.4 U	5.7 U
Acetone	UG/KG	2200	100000	58.9 J	75.1 J	NA	85.6 J	68.8 J
Benzene	UG/KG	70000	2900	0.64	0.68 J	NA	0.93 J	0.74 J
Bromomethane	UG/KG	-	-	2.5 UJ	2.3 UJ	NA	2.6 UJ	2.3 UJ
Carbon disulfide	UG/KG	-	-	15.6	13.2 J	NA	19.3 J	14.0 J
Chloroform	UG/KG	12000	10000	2.5 U	2.3 U	NA	2.6 U	2.3 U
Chloromethane	UG/KG	-	-	6.2 UJ	5.8 UJ	NA	6.4 UJ	5.7 UJ
Ethylbenzene	UG/KG	NS	30000	2.5 U	2.3 U	NA	2.6 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	10.1 J	13.7 J	NA	12.7 J	11.1 J
Methylene chloride	UG/KG	12000	51000	2.5 U	2.3 U	NA	2.6 U	2.3 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	2.3 U	NA	2.6 U	2.3 U
Toluene	UG/KG	36000	100000	6.2 U	5.8 U	NA	6.4 U	5.7 U
Trichloroethene	UG/KG	2000	10000	7.7	5.6 J	NA	8.1 J	8.3 J
Vinyl chloride	UG/KG	NS	210	2.5 UJ	2.3 UJ	NA	2.6 UJ	2.3 UJ

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0125-FP-S	0125-FP-S	0400-C	0400-SB-N	0400-SB-N
Sample ID				0125-FP-S-6-12	0125-FP-S-12-24	0400-C-0-6	0400-SB-N-0-6	DUP-20
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.6 J	1.5 J	NA	2.6 U	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
1,2-Dichlorobenzene	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
1,3-Dichlorobenzene	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
1,4-Dichlorobenzene	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
2,4-Dimethylphenol	UG/KG	-	-	680 U	640 U	NA	700 U	660 U
2-Methylnaphthalene	UG/KG	-	-	21.9 J	130 U	NA	56.6 J	154
2-Nitroaniline	UG/KG	-	-	680 U	640 U	NA	700 U	18.8 J
3&4-Methylphenol	UG/KG	NS	34000	680 U	640 U	NA	700 U	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
4-Chloroaniline	UG/KG	-	-	680 U	640 U	NA	700 U	660 U
Acenaphthene	UG/KG	20000	100000	106 J	38.2 J	NA	210	531
Acenaphthylene	UG/KG	NS	100000	25.2 J	130 U	NA	25.1 J	68.3 J
Anthracene	UG/KG	NS	100000	220	85.4 J	NA	421 J	891 J
Benzo(a)anthracene	UG/KG	NS	1000	1,110	412	NA	1,390 J	2,870 J
Benzo(a)pyrene	UG/KG	2600	1000	1,260	521	NA	1,320 J	2,690 J
Benzo(b)fluoranthene	UG/KG	NS	1000	1,290	534	NA	1,370 J	2,620 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,030	404	NA	764 J	1,540 J
Benzo(k)fluoranthene	UG/KG	NS	1000	1,050	449	NA	1,150 J	2,220 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0125-FP-S	0125-FP-S	0400-C	0400-SB-N	0400-SB-N
Sample ID				0125-FP-S-6-12	0125-FP-S-12-24	0400-C-0-6	0400-SB-N-0-6	DUP-20
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	200 J	121 J	NA	350 U	258 J
Butylbenzylphthalate	UG/KG	-	-	183 J	71.9 J	NA	350 U	330 U
Carbazole	UG/KG	-	-	217	80.8 J	NA	337 J	746 J
Chrysene	UG/KG	NS	1000	1,360	513	NA	1,520 J	3,060 J
Dibenz(a,h)anthracene	UG/KG	NS	330	345	119 J	NA	243	478
Dibenzofuran	UG/KG	NS	14000	56.0 J	20.7 J	NA	140	404
Dimethylphthalate	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
Di-n-butylphthalate	UG/KG	-	-	24.3 J	320 U	NA	350 U	330 U
Di-n-octylphthalate	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
Fluoranthene	UG/KG	NS	100000	2,720	997	NA	3,340 J	6,900 J
Fluorene	UG/KG	30000	100000	94.8 J	38.4 J	NA	213	556
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	994	449	NA	833 J	1,560 J
Isophorone	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
Naphthalene	UG/KG	NS	100000	31.8 J	130 U	NA	106 J	254
Nitrobenzene	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 U	320 U	NA	350 U	330 U
Phenanthrene	UG/KG	NS	100000	1,390	498	NA	2,220 J	5,510 J
Phenol	UG/KG	30000	100000	340 U	320 U	NA	350 U	330 U
Pyrene	UG/KG	NS	100000	2,300	844	NA	2,840 J	5,960 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0125-FP-S	0125-FP-S	0400-C	0400-SB-N	0400-SB-N
Sample ID				0125-FP-S-6-12	0125-FP-S-12-24	0400-C-0-6	0400-SB-N-0-6	DUP-20
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/06/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	43 U	42 U	47 U	44 U
Aroclor 1254	UG/KG	-	-	136 J	118 J	42 U	307 J	430 J
Aroclor 1260	UG/KG	-	-	632 J	440 J	42 U	589 J	1,100 DJ
Total Polychlorinated Biphenyls	UG/KG	1000	1000	768	558	42 U	896	1,530
Metals								
Arsenic	MG/KG	13	16	6.7	3.4	NA	5.7	5.4
Barium	MG/KG	433	350	85.9	79.9	NA	72.8	63.0
Cadmium	MG/KG	4	2.5	0.69	0.24 J	NA	0.64	0.61
Chromium	MG/KG	41	36	27.8	26.9	NA	30.1	32.1
Lead	MG/KG	63	400	50.4	18.5	NA	36.5	39.8
Mercury	MG/KG	0.18	0.81	0.16 J-	0.12 J-	NA	0.15	0.14
Selenium	MG/KG	3.9	36	1 U	1 U	NA	1.1 U	1 U
Silver	MG/KG	2	36	0.37 J	0.5 U	NA	0.42 J	0.35 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0400-SB-N	0400-SB-N	0400-SB-S	0400-SB-S	0400-SB-S
Sample ID				0400-SB-N-6-12	0400-SB-N-12-24	0400-SB-S-0-6	0400-SB-S-6-12	0400-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.4 UJ	3.3 UJ	1.8 U	2.8 U	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.1 J	2.8 J	3.8 J	2.3 J	0.55 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
2-Hexanone	UG/KG	-	-	12 U	17 U	9 UJ	14 UJ	11 UJ
4-Methyl-2-pentanone	UG/KG	-	-	5.9 U	8.3 U	4.5 U	7 U	5.7 U
Acetone	UG/KG	2200	100000	51.8 J	92.4 J	41.8 J	20.6 J	16.7 J
Benzene	UG/KG	70000	2900	0.84 J	1.0 J	0.47 J	0.54 J	0.57 U
Bromomethane	UG/KG	-	-	2.4 UJ	3.3 UJ	1.8 U	2.8 U	2.3 U
Carbon disulfide	UG/KG	-	-	8.8 J	5.5 J	11.9 J	1.4 J	5.7 U
Chloroform	UG/KG	12000	10000	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
Chloromethane	UG/KG	-	-	5.9 UJ	8.3 UJ	4.5 U	7 U	5.7 U
Ethylbenzene	UG/KG	NS	30000	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	7.8 J	18.6 J	6.5 J	R	R
Methylene chloride	UG/KG	12000	51000	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
Tetrachloroethene	UG/KG	2000	5500	2.4 U	3.3 U	1.8 U	2.8 U	2.3 U
Toluene	UG/KG	36000	100000	5.9 U	8.3 U	4.5 U	7 U	5.7 U
Trichloroethene	UG/KG	2000	10000	10.3 J	9.3 J	9.7 J	15.7 J	4.7 J
Vinyl chloride	UG/KG	NS	210	2.4 UJ	3.3 UJ	1.8 U	2.8 U	2.3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0400-SB-N	0400-SB-N	0400-SB-S	0400-SB-S	0400-SB-S
Sample ID				0400-SB-N-6-12	0400-SB-N-12-24	0400-SB-S-0-6	0400-SB-S-6-12	0400-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.6 J	3.3 U	1.8 U	2.8 U	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	330 U	330 U	330 U	330 U	16.9 J
1,3-Dichlorobenzene	UG/KG	-	-	330 U	330 U	330 U	330 U	18.1 J
1,4-Dichlorobenzene	UG/KG	-	-	330 U	330 U	330 U	330 U	19.5 J
2,4-Dimethylphenol	UG/KG	-	-	660 U	660 U	660 U	660 U	650 U
2-Methylnaphthalene	UG/KG	-	-	114 J	130 U	27.4 J	35.9 J	130 U
2-Nitroaniline	UG/KG	-	-	660 U	660 U	660 U	660 U	650 U
3&4-Methylphenol	UG/KG	NS	34000	660 U	660 U	660 U	660 U	650 U
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
4-Chloroaniline	UG/KG	-	-	660 U	660 U	660 U	660 U	650 U
Acenaphthene	UG/KG	20000	100000	532	130 U	154	158	36.0 J
Acenaphthylene	UG/KG	NS	100000	55.3 J	63.7 J	32.6 J	40.7 J	130 U
Anthracene	UG/KG	NS	100000	1,100	108 J	326	368	80.2 J
Benzo(a)anthracene	UG/KG	NS	1000	3,670	479	1,270	1,280	262
Benzo(a)pyrene	UG/KG	2600	1000	3,230	649	1,260	1,240	294
Benzo(b)fluoranthene	UG/KG	NS	1000	3,430	687	1,250	1,110	248
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,700	593	710	648	125 J
Benzo(k)fluoranthene	UG/KG	NS	1000	2,780	505	1,100	997	261

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0400-SB-N	0400-SB-N	0400-SB-S	0400-SB-S	0400-SB-S
Sample ID				0400-SB-N-6-12	0400-SB-N-12-24	0400-SB-S-0-6	0400-SB-S-6-12	0400-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	330 U	198 J	262 J	232 J	106 J
Butylbenzylphthalate	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
Carbazole	UG/KG	-	-	936	31.8 J	282	251	64.0 J
Chrysene	UG/KG	NS	1000	3,890	512	1,380	1,310	264
Dibenz(a,h)anthracene	UG/KG	NS	330	509	173	225	232	81.1 J
Dibenzofuran	UG/KG	NS	14000	356	130 U	83.5 J	91.6 J	19.1 J
Dimethylphthalate	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
Di-n-butylphthalate	UG/KG	-	-	330 U	330 U	25.9 J	330 U	19.0 J
Di-n-octylphthalate	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
Fluoranthene	UG/KG	NS	100000	8,830	921	2,870	2,740	589
Fluorene	UG/KG	30000	100000	582	130 U	150	160	40.1 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,910	636	792	738	224
Isophorone	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
Naphthalene	UG/KG	NS	100000	230	130 U	50.8 J	67.9 J	20.0 J
Nitrobenzene	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	330 U	330 U	330 U	320 U
Phenanthrene	UG/KG	NS	100000	6,300	115 J	1,760	1,790	419
Phenol	UG/KG	30000	100000	330 U	330 U	330 U	330 U	320 U
Pyrene	UG/KG	NS	100000	7,410	834	2,540	2,420	522

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

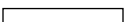
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0400-SB-N	0400-SB-N	0400-SB-S	0400-SB-S	0400-SB-S
Sample ID				0400-SB-N-6-12	0400-SB-N-12-24	0400-SB-S-0-6	0400-SB-S-6-12	0400-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/09/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	44 U	44 U	43 U	44 U
Aroclor 1254	UG/KG	-	-	466 J	44 U	535 J	661 J	208 J
Aroclor 1260	UG/KG	-	-	1,500 D	44 U	1,340 D	1,260	290 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,966	44 U	1,875	1,921	498
Metals								
Arsenic	MG/KG	13	16	5.0	5.0	5.3	6.0	15.8
Barium	MG/KG	433	350	69.0	59.8	56.0	58.6	84.5
Cadmium	MG/KG	4	2.5	0.72	0.61	1.1	1.0	0.64
Chromium	MG/KG	41	36	30.9	28.1	39.1	45.1	44.1
Lead	MG/KG	63	400	41.2	40.2	59.9	69.2	60.5
Mercury	MG/KG	0.18	0.81	0.41	0.19	0.23	0.25	0.17
Selenium	MG/KG	3.9	36	1 U	1 U	0.99 U	1 U	1 U
Silver	MG/KG	2	36	0.56	0.57	1.6	1.8	0.96

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0590-FP-N	0590-FP-N	0590-FP-N	0590-FP-N	0650-C
Sample ID				0590-FP-N-0-2	0590-FP-N-0-6	0590-FP-N-6-12	0590-FP-N-12-24	0650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.7 U	2.5 U	2.3 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.7 U	2.5 U	2.3 UJ	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.7 U	2.5 U	2.3 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	7.7 J	8.9 J	6.8 J	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.7 U	2.5 U	2.3 U	NA
2-Hexanone	UG/KG	-	-	NA	13 U	13 U	11 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	6.7 U	6.3 U	5.7 U	NA
Acetone	UG/KG	2200	100000	NA	130 J	109 J	83.4 J	NA
Benzene	UG/KG	70000	2900	NA	0.87 J	0.81 J	0.52 J	NA
Bromomethane	UG/KG	-	-	NA	2.7 UJ	2.5 UJ	2.3 UJ	NA
Carbon disulfide	UG/KG	-	-	NA	11.1 J	11.6 J	8.2 J	NA
Chloroform	UG/KG	12000	10000	NA	2.7 U	2.5 U	2.3 U	NA
Chloromethane	UG/KG	-	-	NA	6.7 UJ	6.3 UJ	5.7 UJ	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.7 U	2.5 U	2.3 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	25.9 J	16.7 J	13.0 J	NA
Methylene chloride	UG/KG	12000	51000	NA	2.7 U	2.5 U	2.3 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.7 U	0.39 J	0.40 J	NA
Toluene	UG/KG	36000	100000	NA	6.7 U	6.3 U	5.7 U	NA
Trichloroethene	UG/KG	2000	10000	NA	26.9 J	25.0 J	26.3 J	NA
Vinyl chloride	UG/KG	NS	210	NA	1.1 J	1.1 J	2.3 UJ	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0590-FP-N	0590-FP-N	0590-FP-N	0590-FP-N	0650-C
Sample ID				0590-FP-N-0-2	0590-FP-N-0-6	0590-FP-N-6-12	0590-FP-N-12-24	0650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	1.8 J	1.8 J	1.6 J	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
2,4-Dimethylphenol	UG/KG	-	-	630 U	NA	620 U	3,100 U	NA
2-Methylnaphthalene	UG/KG	-	-	51.7 J	NA	69.3 J	108 J	NA
2-Nitroaniline	UG/KG	-	-	630 U	NA	620 U	3,100 U	NA
3&4-Methylphenol	UG/KG	NS	34000	630 U	NA	620 U	3,100 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
4-Chloroaniline	UG/KG	-	-	630 U	NA	620 U	3,100 U	NA
Acenaphthene	UG/KG	20000	100000	237	NA	300	483 J	NA
Acenaphthylene	UG/KG	NS	100000	63.1 J	NA	86.5 J	228 J	NA
Anthracene	UG/KG	NS	100000	499	NA	658	1,270	NA
Benzo(a)anthracene	UG/KG	NS	1000	2,090	NA	2,660	4,660	NA
Benzo(a)pyrene	UG/KG	2600	1000	2,120	NA	2,730	4,670	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	2,160	NA	2,700	4,160	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,530	NA	1,940	3,070	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	1,780	NA	2,420	3,810	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0590-FP-N	0590-FP-N	0590-FP-N	0590-FP-N	0650-C
Sample ID				0590-FP-N-0-2	0590-FP-N-0-6	0590-FP-N-6-12	0590-FP-N-12-24	0650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	213 J	NA	355	704 J	NA
Butylbenzylphthalate	UG/KG	-	-	130 J	NA	210 J	1,600 U	NA
Carbazole	UG/KG	-	-	427	NA	530	768	NA
Chrysene	UG/KG	NS	1000	2,420	NA	2,900	4,800	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	538	NA	541	1,000	NA
Dibenzofuran	UG/KG	NS	14000	129 J	NA	178	273 J	NA
Dimethylphthalate	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
Di-n-butylphthalate	UG/KG	-	-	21.2 J	NA	28.5 J	1,600 U	NA
Di-n-octylphthalate	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
Fluoranthene	UG/KG	NS	100000	4,740	NA	6,140	10,600	NA
Fluorene	UG/KG	30000	100000	226	NA	273	473 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,520	NA	1,930	3,250	NA
Isophorone	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
Naphthalene	UG/KG	NS	100000	92.4 J	NA	120	174 J	NA
Nitrobenzene	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	NA	310 U	1,600 U	NA
Phenanthrene	UG/KG	NS	100000	2,690	NA	3,500	5,910	NA
Phenol	UG/KG	30000	100000	310 U	NA	310 U	1,600 U	NA
Pyrene	UG/KG	NS	100000	4,260	NA	5,000	8,430	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

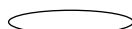
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				0590-FP-N	0590-FP-N	0590-FP-N	0590-FP-N	0650-C
Sample ID				0590-FP-N-0-2	0590-FP-N-0-6	0590-FP-N-6-12	0590-FP-N-12-24	0650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/09/16	05/09/16	05/09/16	05/09/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	NA	41 U	41 U	41 U
Aroclor 1254	UG/KG	-	-	783 J	NA	997 J	2,170 DJ	41 U
Aroclor 1260	UG/KG	-	-	1,830 D	NA	2,310	3,580 D	41 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	2,613	NA	3,307	5,750	41 U
Metals								
Arsenic	MG/KG	13	16	5.6	NA	6.2	6.4	NA
Barium	MG/KG	433	350	96.7	NA	107	112	NA
Cadmium	MG/KG	4	2.5	1.2	NA	1.6	2.0	NA
Chromium	MG/KG	41	36	47.4	NA	53.4	62.2	NA
Lead	MG/KG	63	400	81.6	NA	107	185	NA
Mercury	MG/KG	0.18	0.81	0.25	NA	0.36 J-	0.45 J-	NA
Selenium	MG/KG	3.9	36	1 U	NA	0.94 U	0.97 U	NA
Silver	MG/KG	2	36	1.8	NA	2.5	5.0	NA

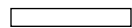
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-C	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H
Sample ID				2050-C-0-6	2050-FP-N-H-0-2	2050-FP-N-H-0-6	2050-FP-N-H-6-12	2050-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	1.7 U	1.8 U	1.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	1.7 U	1.8 U	1.8 UJ
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	1.7 U	1.8 U	1.8 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	1.7 U	1.8 U	1.8 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	1.7 U	1.8 U	1.8 U
2-Hexanone	UG/KG	-	-	NA	NA	8.4 U	9.1 U	8.9 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	4.2 U	4.6 U	4.4 U
Acetone	UG/KG	2200	100000	NA	NA	20.2 J	24.5 J	21.3 J
Benzene	UG/KG	70000	2900	NA	NA	0.47	0.45 J	0.39 J
Bromomethane	UG/KG	-	-	NA	NA	1.7 U	1.8 U	1.8 U
Carbon disulfide	UG/KG	-	-	NA	NA	8.9	6.0	3.5 J
Chloroform	UG/KG	12000	10000	NA	NA	1.7 U	1.8 U	1.8 U
Chloromethane	UG/KG	-	-	NA	NA	4.2 U	4.6 U	4.4 U
Ethylbenzene	UG/KG	NS	30000	NA	NA	1.7 U	1.8 U	1.8 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	R	R	R
Methylene chloride	UG/KG	12000	51000	NA	NA	1.7 U	1.8 U	1.8 U
Tetrachloroethene	UG/KG	2000	5500	NA	NA	1.7 U	1.8 U	1.8 U
Toluene	UG/KG	36000	100000	NA	NA	4.2 U	4.6 U	4.4 U
Trichloroethene	UG/KG	2000	10000	NA	NA	1.7 U	1.8 U	1.8 U
Vinyl chloride	UG/KG	NS	210	NA	NA	1.7 U	1.8 U	1.8 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-C	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H
Sample ID				2050-C-0-6	2050-FP-N-H-0-2	2050-FP-N-H-0-6	2050-FP-N-H-6-12	2050-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	1.7 UJ	1.8 UJ	1.8 UJ
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	270 U	NA	290 U	280 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	270 U	NA	290 U	280 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	270 U	NA	290 U	280 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	270 U	NA	290 U	280 U
2,4-Dimethylphenol	UG/KG	-	-	NA	550 U	NA	570 U	570 U
2-Methylnaphthalene	UG/KG	-	-	NA	110 U	NA	110 U	110 U
2-Nitroaniline	UG/KG	-	-	NA	550 U	NA	570 U	570 U
3&4-Methylphenol	UG/KG	NS	34000	NA	550 U	NA	570 U	570 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	270 U	NA	290 U	280 U
4-Chloroaniline	UG/KG	-	-	NA	550 U	NA	570 U	570 U
Acenaphthene	UG/KG	20000	100000	NA	110 U	NA	110 U	38.2 J
Acenaphthylene	UG/KG	NS	100000	NA	110 U	NA	110 U	110 U
Anthracene	UG/KG	NS	100000	NA	21.3 J	NA	16.0 J	151
Benzo(a)anthracene	UG/KG	NS	1000	NA	116	NA	72.0 J	232
Benzo(a)pyrene	UG/KG	2600	1000	NA	228	NA	139	230
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	257	NA	126	200
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	150	NA	72.5 J	112
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	131	NA	129	196

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-C	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H
Sample ID				2050-C-0-6	2050-FP-N-H-0-2	2050-FP-N-H-0-6	2050-FP-N-H-6-12	2050-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	270 U	NA	290 U	280 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Butylbenzylphthalate	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Carbazole	UG/KG	-	-	NA	23.2 J	NA	110 U	36.9 J
Chrysene	UG/KG	NS	1000	NA	166	NA	93.5 J	208
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	153	NA	64.4 J	71.3 J
Dibenzofuran	UG/KG	NS	14000	NA	110 U	NA	110 U	19.9 J
Dimethylphthalate	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Di-n-butylphthalate	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Di-n-octylphthalate	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Fluoranthene	UG/KG	NS	100000	NA	298	NA	125	633
Fluorene	UG/KG	30000	100000	NA	110 U	NA	110 U	40.6 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	290	NA	139	189
Isophorone	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Naphthalene	UG/KG	NS	100000	NA	110 U	NA	110 U	110 U
Nitrobenzene	UG/KG	-	-	NA	270 U	NA	290 U	280 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	270 U	NA	290 U	280 U
Phenanthrene	UG/KG	NS	100000	NA	121	NA	58.9 J	463
Phenol	UG/KG	30000	100000	NA	270 UJ	NA	290 U	280 U
Pyrene	UG/KG	NS	100000	NA	272	NA	122	535

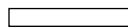
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-C	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H	2050-FP-N-H
Sample ID				2050-C-0-6	2050-FP-N-H-0-2	2050-FP-N-H-0-6	2050-FP-N-H-6-12	2050-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	37 U	NA	16.6 J	52.4
Aroclor 1254	UG/KG	-	-	44 U	31.8 J	NA	18.1 J	38 U
Aroclor 1260	UG/KG	-	-	44 U	44.1	NA	37 U	41.2 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	44 U	75.9	NA	34.7	63.6
Metals								
Arsenic	MG/KG	13	16	NA	4.1	NA	5.0	5.0
Barium	MG/KG	433	350	NA	36.5	NA	58.0	37.4
Cadmium	MG/KG	4	2.5	NA	0.11 J	NA	0.19 J	0.15 J
Chromium	MG/KG	41	36	NA	7.6	NA	13.1	9.3
Lead	MG/KG	63	400	NA	11.5	NA	10.2	10.8
Mercury	MG/KG	0.18	0.81	NA	0.017 J	NA	0.031 J-	0.016 J-
Selenium	MG/KG	3.9	36	NA	1 U	NA	0.92 U	0.85 U
Silver	MG/KG	2	36	NA	0.52 U	NA	0.46 U	0.42 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-M
Sample ID				2050-FP-N-L-0-2	2050-FP-N-L-0-6	2050-FP-N-L-6-12	2050-FP-N-L-12-24	2050-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.8 UJ	2.3 U	2.2 UJ	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.8 UJ	2.3 UJ	2.2 UJ	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.8 UJ	2.3 U	2.2 UJ	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.8 J	3.6	5.9 J	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.8 UJ	2.3 U	0.62 J	NA
2-Hexanone	UG/KG	-	-	NA	14 U	12 U	11 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	7 U	5.8 U	5.4 U	NA
Acetone	UG/KG	2200	100000	NA	123 J	106 J	90.3 J	NA
Benzene	UG/KG	70000	2900	NA	0.81 J	0.67	0.99 J	NA
Bromomethane	UG/KG	-	-	NA	2.8 UJ	2.3 U	2.2 UJ	NA
Carbon disulfide	UG/KG	-	-	NA	16.2 J	13.7	13.8 J	NA
Chloroform	UG/KG	12000	10000	NA	2.8 UJ	2.3 U	2.2 UJ	NA
Chloromethane	UG/KG	-	-	NA	7 UJ	5.8 U	5.4 UJ	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.8 U	2.3 U	2.2 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	18.5 J	16.3 J	35.4 J	NA
Methylene chloride	UG/KG	12000	51000	NA	2.8 UJ	2.3 U	2.2 UJ	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.8 U	2.3 U	2.2 U	NA
Toluene	UG/KG	36000	100000	NA	7 U	5.8 U	5.4 U	NA
Trichloroethene	UG/KG	2000	10000	NA	5.2 J	7.6	11.9 J	NA
Vinyl chloride	UG/KG	NS	210	NA	2.8 UJ	2.3 U	2.2 UJ	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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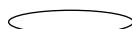
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-M
Sample ID				2050-FP-N-L-0-2	2050-FP-N-L-0-6	2050-FP-N-L-6-12	2050-FP-N-L-12-24	2050-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.8 UJ	2.3 UJ	2.2 UJ	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	660 U	NA	650 U	630 U	640 U
2-Methylnaphthalene	UG/KG	-	-	51.4 J	NA	101 J	110 J	15.5 J
2-Nitroaniline	UG/KG	-	-	660 U	NA	650 U	630 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	660 U	NA	650 U	630 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
4-Chloroaniline	UG/KG	-	-	660 U	NA	650 U	630 U	640 U
Acenaphthene	UG/KG	20000	100000	224	NA	431	380	57.6 J
Acenaphthylene	UG/KG	NS	100000	47.5 J	NA	47.9 J	53.1 J	15.7 J
Anthracene	UG/KG	NS	100000	439	NA	826	711	122 J
Benzo(a)anthracene	UG/KG	NS	1000	2,080	NA	2,920	2,670	552
Benzo(a)pyrene	UG/KG	2600	1000	2,240	NA	2,870	2,470	631
Benzo(b)fluoranthene	UG/KG	NS	1000	2,780	NA	2,870	2,530	699
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,990	NA	2,260	1,870	432
Benzo(k)fluoranthene	UG/KG	NS	1000	2,200	NA	2,470	2,290	504

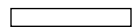
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-M
Sample ID				2050-FP-N-L-0-2	2050-FP-N-L-0-6	2050-FP-N-L-6-12	2050-FP-N-L-12-24	2050-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	269 J	NA	172 J	183 J	213 J
Butylbenzylphthalate	UG/KG	-	-	84.9 J	NA	56.8 J	342	33.3 J
Carbazole	UG/KG	-	-	454	NA	693	720	134
Chrysene	UG/KG	NS	1000	2,640	NA	3,320	3,080	673
Dibenz(a,h)anthracene	UG/KG	NS	330	477	NA	788	678	234
Dibenzofuran	UG/KG	NS	14000	126 J	NA	325	299	30.8 J
Dimethylphthalate	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
Di-n-butylphthalate	UG/KG	-	-	84.7 J	NA	22.4 J	310 U	320 U
Di-n-octylphthalate	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
Fluoranthene	UG/KG	NS	100000	5,100	NA	7,360	6,530	1,360
Fluorene	UG/KG	30000	100000	204	NA	439	397	53.0 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,810	NA	2,210	1,840	581
Isophorone	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
Naphthalene	UG/KG	NS	100000	88.4 J	NA	191	224	28.9 J
Nitrobenzene	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	NA	320 U	310 U	320 U
Phenanthrene	UG/KG	NS	100000	2,750	NA	5,540	4,850	720
Phenol	UG/KG	30000	100000	330 UJ	NA	320 U	310 U	320 UJ
Pyrene	UG/KG	NS	100000	4,310	NA	6,170	5,500	1,210

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-L	2050-FP-N-M
Sample ID				2050-FP-N-L-0-2	2050-FP-N-L-0-6	2050-FP-N-L-6-12	2050-FP-N-L-12-24	2050-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	NA	43 U	41 U	41 U
Aroclor 1254	UG/KG	-	-	368 J	NA	534 J	523 J	302 J
Aroclor 1260	UG/KG	-	-	1,150 D	NA	2,210 D	2,030 D	490
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,518	NA	2,744	2,553	792
Metals								
Arsenic	MG/KG	13	16	5.3	NA	5.5	4.9	5.4
Barium	MG/KG	433	350	65.8	NA	64.2	61.8	67.7
Cadmium	MG/KG	4	2.5	0.68	NA	0.82	0.92	0.70
Chromium	MG/KG	41	36	26.4	NA	32.1	31.5	24.9
Lead	MG/KG	63	400	35.8	NA	42.4	45.3	53.5
Mercury	MG/KG	0.18	0.81	0.15	NA	0.17 J-	0.22 J-	0.14
Selenium	MG/KG	3.9	36	0.99 U	NA	1 U	0.98 U	1 U
Silver	MG/KG	2	36	0.43 J	NA	0.96	1.3	0.50 J

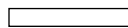
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M
Sample ID				DUP-15	2050-FP-N-M-0-6	DUP-15	2050-FP-N-M-6-12	2050-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)		Field Duplicate (1-1)		
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.6 U	2.6 U	2.2 U	2.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.6 U	2.6 U	2.2 U	2.1 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.6 U	2.6 U	2.2 U	2.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	3.5 J	4.5 J	2.6	1.1 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.6 U	2.6 U	2.2 U	2.1 U
2-Hexanone	UG/KG	-	-	NA	13 U	13 U	11 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	6.6 U	6.5 U	5.6 U	5.4 U
Acetone	UG/KG	2200	100000	NA	96.6 J	203 J	102 J	76.2 J
Benzene	UG/KG	70000	2900	NA	0.66 U	0.53 J	0.56 U	0.54 U
Bromomethane	UG/KG	-	-	NA	2.6 U	2.6 U	2.2 U	2.1 U
Carbon disulfide	UG/KG	-	-	NA	5.7 J	10.5 J	4.2 J	2.8 J
Chloroform	UG/KG	12000	10000	NA	2.6 U	2.6 U	2.2 U	2.1 U
Chloromethane	UG/KG	-	-	NA	6.6 U	6.5 U	5.6 U	5.4 U
Ethylbenzene	UG/KG	NS	30000	NA	2.6 U	2.6 U	2.2 U	2.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	11.7 J	23.7 J	9.2 J	8.7 J
Methylene chloride	UG/KG	12000	51000	NA	2.6 U	2.6 U	2.2 U	2.1 U
Tetrachloroethene	UG/KG	2000	5500	NA	2.6 U	2.6 U	2.2 U	2.1 U
Toluene	UG/KG	36000	100000	NA	6.6 U	6.5 U	5.6 U	5.4 U
Trichloroethene	UG/KG	2000	10000	NA	9.1 J	11.4 J	10.0	4.8
Vinyl chloride	UG/KG	NS	210	NA	2.6 U	2.6 U	2.2 U	2.1 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M
Sample ID				DUP-15	2050-FP-N-M-0-6	DUP-15	2050-FP-N-M-6-12	2050-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)		Field Duplicate (1-1)		
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.6 UJ	0.51 J	0.50 J	2.1 UJ
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 U	NA	NA	320 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	340 U	NA	NA	320 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	340 U	NA	NA	320 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	340 U	NA	NA	320 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	690 U	NA	NA	650 U	620 U
2-Methylnaphthalene	UG/KG	-	-	21.9 J	NA	NA	130 U	120 U
2-Nitroaniline	UG/KG	-	-	690 U	NA	NA	650 U	620 U
3&4-Methylphenol	UG/KG	NS	34000	690 U	NA	NA	650 U	620 U
4-Bromophenyl-phenylether	UG/KG	-	-	340 U	NA	NA	320 U	310 U
4-Chloroaniline	UG/KG	-	-	690 U	NA	NA	650 U	620 U
Acenaphthene	UG/KG	20000	100000	95.2 J	NA	NA	18.0 J	120 U
Acenaphthylene	UG/KG	NS	100000	27.8 J	NA	NA	130 U	120 U
Anthracene	UG/KG	NS	100000	201	NA	NA	41.0 J	19.7 J
Benzo(a)anthracene	UG/KG	NS	1000	840	NA	NA	183	69.0 J
Benzo(a)pyrene	UG/KG	2600	1000	886	NA	NA	247	124
Benzo(b)fluoranthene	UG/KG	NS	1000	924	NA	NA	243	109 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	592	NA	NA	138	42.7 J
Benzo(k)fluoranthene	UG/KG	NS	1000	783	NA	NA	213	111 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

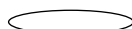
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M
Sample ID				DUP-15	2050-FP-N-M-0-6	DUP-15	2050-FP-N-M-6-12	2050-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)		Field Duplicate (1-1)		
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 U	NA	NA	320 U	310 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	211 J	NA	NA	320 U	310 U
Butylbenzylphthalate	UG/KG	-	-	340 U	NA	NA	320 U	310 U
Carbazole	UG/KG	-	-	184	NA	NA	38.3 J	14.6 J
Chrysene	UG/KG	NS	1000	956	NA	NA	216	75.9 J
Dibenz(a,h)anthracene	UG/KG	NS	330	275	NA	NA	85.3 J	120 U
Dibenzofuran	UG/KG	NS	14000	49.5 J	NA	NA	130 U	120 U
Dimethylphthalate	UG/KG	-	-	340 U	NA	NA	320 U	310 U
Di-n-butylphthalate	UG/KG	-	-	340 U	NA	NA	320 U	310 U
Di-n-octylphthalate	UG/KG	-	-	340 U	NA	NA	320 U	310 U
Fluoranthene	UG/KG	NS	100000	2,000	NA	NA	439	167
Fluorene	UG/KG	30000	100000	91.6 J	NA	NA	18.2 J	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	722	NA	NA	228	131
Isophorone	UG/KG	-	-	340 U	NA	NA	320 U	310 U
Naphthalene	UG/KG	NS	100000	36.6 J	NA	NA	130 U	120 U
Nitrobenzene	UG/KG	-	-	340 U	NA	NA	320 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 U	NA	NA	320 U	310 U
Phenanthrene	UG/KG	NS	100000	1,100	NA	NA	243	105 J
Phenol	UG/KG	30000	100000	340 UJ	NA	NA	320 U	310 U
Pyrene	UG/KG	NS	100000	1,690	NA	NA	395	144

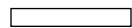
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M	2050-FP-N-M
Sample ID				DUP-15	2050-FP-N-M-0-6	DUP-15	2050-FP-N-M-6-12	2050-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)		Field Duplicate (1-1)		
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	NA	NA	42 U	41 U
Aroclor 1254	UG/KG	-	-	186 J	NA	NA	117 J	48.4 J
Aroclor 1260	UG/KG	-	-	493	NA	NA	324	134
Total Polychlorinated Biphenyls	UG/KG	1000	1000	679	NA	NA	441	182.4
Metals								
Arsenic	MG/KG	13	16	6.1	NA	NA	5.8	4.5
Barium	MG/KG	433	350	74.8	NA	NA	68.3	62.5
Cadmium	MG/KG	4	2.5	0.75	NA	NA	0.59	0.36 J
Chromium	MG/KG	41	36	27.9	NA	NA	21.5	15.4
Lead	MG/KG	63	400	62.6	NA	NA	40.5	15.3
Mercury	MG/KG	0.18	0.81	0.15	NA	NA	0.11 J-	0.073 J-
Selenium	MG/KG	3.9	36	1 U	NA	NA	0.31 J	0.34 J
Silver	MG/KG	2	36	0.60	NA	NA	0.52	0.23 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-N	2050-SB-N	2050-SB-N	2050-SB-S	2050-SB-S
Sample ID				2050-SB-N-0-6	2050-SB-N-6-12	2050-SB-N-12-24	2050-SB-S-0-6	2050-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	2.3 U	1,590	2.6 U	2.7 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 UJ	2.3 UJ	280 U	2.6 U	2.7 U
1,1-Dichloroethene	UG/KG	NS	100000	2.5 U	2.3 U	280 U	2.6 U	2.7 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.3 J	3.2 J	280 U	2.6 U	2.7 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.5 U	0.47 J	280 U	2.6 U	2.7 U
2-Hexanone	UG/KG	-	-	12 U	11 U	1,400 UJ	13 U	14 U
4-Methyl-2-pentanone	UG/KG	-	-	6.2 U	5.7 U	690 U	6.6 U	6.8 U
Acetone	UG/KG	2200	100000	57.5 J	42.7 J	R	17.0 J	6.7 J
Benzene	UG/KG	70000	2900	0.62	0.61 J	69 U	0.70	0.74
Bromomethane	UG/KG	-	-	2.5 U	2.3 U	280 U	2.6 U	2.7 U
Carbon disulfide	UG/KG	-	-	15.4	11.0 J	690 U	0.86 J	0.96 J
Chloroform	UG/KG	12000	10000	2.5 U	2.3 U	280 U	2.6 U	2.7 U
Chloromethane	UG/KG	-	-	6.2 U	5.7 U	690 U	6.6 U	6.8 U
Ethylbenzene	UG/KG	NS	30000	2.5 U	2.3 U	280 U	2.6 U	2.7 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	14.0 J	6.2 J	R	R	R
Methylene chloride	UG/KG	12000	51000	2.5 U	2.3 U	280 U	2.6 U	2.7 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	2.3 U	280 U	2.6 U	2.7 U
Toluene	UG/KG	36000	100000	6.2 U	5.7 U	61.3 J	6.6 U	6.8 U
Trichloroethene	UG/KG	2000	10000	10.1	11.0 J	131 J	2.6 U	2.7 U
Vinyl chloride	UG/KG	NS	210	2.5 U	2.3 U	280 U	2.6 U	2.7 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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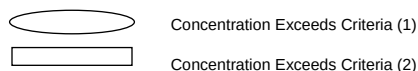
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-N	2050-SB-N	2050-SB-N	2050-SB-S	2050-SB-S
Sample ID				2050-SB-N-0-6	2050-SB-N-6-12	2050-SB-N-12-24	2050-SB-S-0-6	2050-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.5 UJ	2.3 UJ	280 U	2.6 UJ	2.7 UJ
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
2,4-Dimethylphenol	UG/KG	-	-	630 U	3,100 U	670 U	610 U	600 U
2-Methylnaphthalene	UG/KG	-	-	123 J	1,170	154	120 U	120 U
2-Nitroaniline	UG/KG	-	-	630 U	3,100 U	670 U	610 U	600 U
3&4-Methylphenol	UG/KG	NS	34000	630 U	3,100 U	670 U	610 U	600 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
4-Chloroaniline	UG/KG	-	-	630 U	3,100 U	670 U	610 U	600 U
Acenaphthene	UG/KG	20000	100000	582	4,380	675	120 U	120 U
Acenaphthylene	UG/KG	NS	100000	51.8 J	118 J	42.6 J	120 U	120 U
Anthracene	UG/KG	NS	100000	931	7,380	836	13.0 J	120 U
Benzo(a)anthracene	UG/KG	NS	1000	2,980	16,800	2,950	66.2 J	120 U
Benzo(a)pyrene	UG/KG	2600	1000	2,690	13,200	2,630	120 U	120 U
Benzo(b)fluoranthene	UG/KG	NS	1000	2,870	12,000	2,480	120 U	120 U
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,040	8,130	1,720	120 U	120 U
Benzo(k)fluoranthene	UG/KG	NS	1000	2,460	10,800	2,260	120 U	120 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-N	2050-SB-N	2050-SB-N	2050-SB-S	2050-SB-S
Sample ID				2050-SB-N-0-6	2050-SB-N-6-12	2050-SB-N-12-24	2050-SB-S-0-6	2050-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	298 J	1,600 U	202 J	310 U	300 U
Butylbenzylphthalate	UG/KG	-	-	742	296 J	340 U	310 U	300 U
Carbazole	UG/KG	-	-	749	6,010	765	15.0 J	120 U
Chrysene	UG/KG	NS	1000	3,060	16,200	3,150	82.5 J	120 U
Dibenz(a,h)anthracene	UG/KG	NS	330	517	3,460	591	120 U	120 U
Dibenzofuran	UG/KG	NS	14000	308	2,940	444	120 U	120 U
Dimethylphthalate	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
Di-n-butylphthalate	UG/KG	-	-	18.5 J	1,600 U	340 U	310 U	300 U
Di-n-octylphthalate	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
Fluoranthene	UG/KG	NS	100000	7,080	41,100	7,360	159	120 U
Fluorene	UG/KG	30000	100000	494	4,390	590	120 U	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,980	8,590	1,740	120 U	120 U
Isophorone	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
Naphthalene	UG/KG	NS	100000	256	2,820	364	120 U	120 U
Nitrobenzene	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	1,600 U	340 U	310 U	300 U
Phenanthrene	UG/KG	NS	100000	5,080	38,000	6,250	89.3 J	120 U
Phenol	UG/KG	30000	100000	15.5 J	1,600 U	340 U	310 UJ	300 U
Pyrene	UG/KG	NS	100000	5,700	32,000	6,040	142	120 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

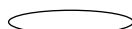
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-N	2050-SB-N	2050-SB-N	2050-SB-S	2050-SB-S
Sample ID				2050-SB-N-0-6	2050-SB-N-6-12	2050-SB-N-12-24	2050-SB-S-0-6	2050-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/04/16	05/04/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	42 U	43 U	41 U	41 U
Aroclor 1254	UG/KG	-	-	468 J	42 U	561 J	63.2 J	41 U
Aroclor 1260	UG/KG	-	-	1,200 D	14,400 D	1,810 D	138	41 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,668	14,400	2,371	201.2	41 U
Metals								
Arsenic	MG/KG	13	16	5.0	4.7	5.5	5.5	12.6
Barium	MG/KG	433	350	66.7	55.1	56.5	58.3	94.9
Cadmium	MG/KG	4	2.5	0.84	0.88	1.0	0.26 J	0.24 J
Chromium	MG/KG	41	36	30.0	37.3	32.8	15.9	17.5
Lead	MG/KG	63	400	51.6	48.2	62.6	14.5	10.5
Mercury	MG/KG	0.18	0.81	0.18	0.25 J-	0.25 J-	0.033	0.024 J-
Selenium	MG/KG	3.9	36	0.91 U	0.96 U	1 U	1.2 U	0.96 U
Silver	MG/KG	2	36	0.69	1.5	2.0	0.59 U	0.48 U

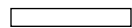
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-S	2300-C	2300-FP-N-H	2300-FP-N-H	2300-FP-N-H
Sample ID				2050-SB-S-12-24	2300-C-0-6	2300-FP-N-H-0-2	2300-FP-N-H-0-6	2300-FP-N-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.6 U	NA	NA	3.2 U	2.6 UJ
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.6 U	NA	NA	3.2 U	2.6 U
1,1-Dichloroethene	UG/KG	NS	100000	2.6 U	NA	NA	3.2 U	2.6 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.6 U	NA	NA	4.3	0.90 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.6 U	NA	NA	3.2 U	2.6 UJ
2-Hexanone	UG/KG	-	-	13 U	NA	NA	16 U	13 U
4-Methyl-2-pentanone	UG/KG	-	-	6.4 U	NA	NA	8 U	6.5 U
Acetone	UG/KG	2200	100000	8.2 J	NA	NA	185	140 J
Benzene	UG/KG	70000	2900	0.66	NA	NA	0.8 U	0.65 U
Bromomethane	UG/KG	-	-	2.6 U	NA	NA	3.2 U	2.6 UJ
Carbon disulfide	UG/KG	-	-	0.74 J	NA	NA	2.4 J	1.3 J
Chloroform	UG/KG	12000	10000	2.6 U	NA	NA	3.2 U	2.6 UJ
Chloromethane	UG/KG	-	-	6.4 U	NA	NA	8 U	6.5 UJ
Ethylbenzene	UG/KG	NS	30000	2.6 U	NA	NA	3.2 U	2.6 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	NA	18.3 J	8.9 J
Methylene chloride	UG/KG	12000	51000	2.6 U	NA	NA	3.2 U	2.6 UJ
Tetrachloroethene	UG/KG	2000	5500	2.6 U	NA	NA	3.2 U	2.6 U
Toluene	UG/KG	36000	100000	6.4 U	NA	NA	8 U	6.5 U
Trichloroethene	UG/KG	2000	10000	2.6 U	NA	NA	12.1	3.1 J
Vinyl chloride	UG/KG	NS	210	2.6 U	NA	NA	3.2 U	2.6 UJ

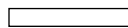
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-S	2300-C	2300-FP-N-H	2300-FP-N-H	2300-FP-N-H
Sample ID				2050-SB-S-12-24	2300-C-0-6	2300-FP-N-H-0-2	2300-FP-N-H-0-6	2300-FP-N-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.6 UJ	NA	NA	3.2 U	2.6 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
1,2-Dichlorobenzene	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
1,3-Dichlorobenzene	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
1,4-Dichlorobenzene	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
2,4-Dimethylphenol	UG/KG	-	-	620 UJ	NA	810 U	NA	720 U
2-Methylnaphthalene	UG/KG	-	-	120 UJ	NA	160 U	NA	140 U
2-Nitroaniline	UG/KG	-	-	620 UJ	NA	810 U	NA	720 U
3&4-Methylphenol	UG/KG	NS	34000	620 UJ	NA	810 U	NA	720 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
4-Chloroaniline	UG/KG	-	-	620 UJ	NA	810 U	NA	720 U
Acenaphthene	UG/KG	20000	100000	120 UJ	NA	28.2 J	NA	140 U
Acenaphthylene	UG/KG	NS	100000	120 UJ	NA	19.6 J	NA	140 U
Anthracene	UG/KG	NS	100000	120 UJ	NA	67.8 J	NA	140 U
Benzo(a)anthracene	UG/KG	NS	1000	120 UJ	NA	309	NA	62.0 J
Benzo(a)pyrene	UG/KG	2600	1000	120 UJ	NA	422	NA	130 J
Benzo(b)fluoranthene	UG/KG	NS	1000	120 UJ	NA	428	NA	111 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	120 UJ	NA	282	NA	51.7 J
Benzo(k)fluoranthene	UG/KG	NS	1000	120 UJ	NA	399	NA	121 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-S	2300-C	2300-FP-N-H	2300-FP-N-H	2300-FP-N-H
Sample ID				2050-SB-S-12-24	2300-C-0-6	2300-FP-N-H-0-2	2300-FP-N-H-0-6	2300-FP-N-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 UJ	NA	410 UJ	NA	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	107 J	NA	149 J	NA	169 J
Butylbenzylphthalate	UG/KG	-	-	310 UJ	NA	34.5 J	NA	360 U
Carbazole	UG/KG	-	-	120 UJ	NA	71.3 J	NA	140 U
Chrysene	UG/KG	NS	1000	15.6 J	NA	409	NA	71.2 J
Dibenz(a,h)anthracene	UG/KG	NS	330	120 UJ	NA	133 J	NA	140 U
Dibenzofuran	UG/KG	NS	14000	120 UJ	NA	160 U	NA	140 U
Dimethylphthalate	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
Di-n-butylphthalate	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
Di-n-octylphthalate	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
Fluoranthene	UG/KG	NS	100000	120 UJ	NA	812	NA	130 J
Fluorene	UG/KG	30000	100000	120 UJ	NA	31.3 J	NA	140 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	120 UJ	NA	370	NA	148
Isophorone	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
Naphthalene	UG/KG	NS	100000	120 UJ	NA	160 U	NA	140 U
Nitrobenzene	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 UJ	NA	410 U	NA	360 U
Phenanthrene	UG/KG	NS	100000	120 UJ	NA	360	NA	65.4 J
Phenol	UG/KG	30000	100000	310 UJ	NA	410 U	NA	360 U
Pyrene	UG/KG	NS	100000	13.2 J	NA	634	NA	114 J

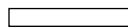
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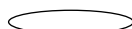
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2050-SB-S	2300-C	2300-FP-N-H	2300-FP-N-H	2300-FP-N-H
Sample ID				2050-SB-S-12-24	2300-C-0-6	2300-FP-N-H-0-2	2300-FP-N-H-0-6	2300-FP-N-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/04/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	42 U	54 U	NA	46 U
Aroclor 1254	UG/KG	-	-	41 U	42 U	94.1	NA	55.5
Aroclor 1260	UG/KG	-	-	25.2 J	42 U	241	NA	148
Total Polychlorinated Biphenyls	UG/KG	1000	1000	25.2	42 U	335.1	NA	203.5
Metals								
Arsenic	MG/KG	13	16	5.0	NA	5.7	NA	7.0
Barium	MG/KG	433	350	108	NA	110	NA	109
Cadmium	MG/KG	4	2.5	0.17 J	NA	0.75	NA	0.41 J
Chromium	MG/KG	41	36	20.5	NA	27.3	NA	19.6
Lead	MG/KG	63	400	9.4	NA	74.5	NA	25.8
Mercury	MG/KG	0.18	0.81	0.041 J-	NA	0.14	NA	0.096 J-
Selenium	MG/KG	3.9	36	0.97 U	NA	1.1 U	NA	0.47 J
Silver	MG/KG	2	36	0.49 U	NA	0.40 J	NA	0.53 U

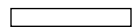
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-H	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L
Sample ID				2300-FP-N-H-12-24	2300-FP-N-L-0-2	2300-FP-N-L-0-6	2300-FP-N-L-6-12	2300-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.7 U	NA	2.4 U	2 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.7 U	NA	2.4 UJ	2 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	2.7 U	NA	2.4 U	2 U	1.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	0.76 J	NA	4.4 J	0.38 J	1.9 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.7 U	NA	2.4 U	2 U	1.9 U
2-Hexanone	UG/KG	-	-	14 U	NA	12 U	10 U	9.7 U
4-Methyl-2-pentanone	UG/KG	-	-	6.8 U	NA	6.1 U	5 U	4.8 U
Acetone	UG/KG	2200	100000	158 J	NA	78.9 J	25.4 J	86.7 J
Benzene	UG/KG	70000	2900	0.68 U	NA	0.64 J	0.49 J	0.48 U
Bromomethane	UG/KG	-	-	2.7 U	NA	2.4 U	2 U	1.9 U
Carbon disulfide	UG/KG	-	-	0.68 J	NA	11.1 J	2.1 J	2.0 J
Chloroform	UG/KG	12000	10000	2.7 U	NA	2.4 U	2 U	1.9 U
Chloromethane	UG/KG	-	-	6.8 U	NA	6.1 U	5 U	0.97 J
Ethylbenzene	UG/KG	NS	30000	2.7 U	NA	2.4 U	2 U	1.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	13.8 J	NA	14.3 J	R	R
Methylene chloride	UG/KG	12000	51000	2.7 U	NA	2.4 U	2 U	1.9 U
Tetrachloroethene	UG/KG	2000	5500	2.7 U	NA	2.4 U	2 U	1.9 U
Toluene	UG/KG	36000	100000	6.8 U	NA	6.1 U	5 U	4.8 U
Trichloroethene	UG/KG	2000	10000	3.1 J	NA	15.1 J	1.3 J	1.0 J
Vinyl chloride	UG/KG	NS	210	2.7 U	NA	0.96 J	2 U	1.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-H	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L
Sample ID				2300-FP-N-H-12-24	2300-FP-N-L-0-2	2300-FP-N-L-0-6	2300-FP-N-L-6-12	2300-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.7 U	NA	1.7 J	2 U	1.9 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
1,2-Dichlorobenzene	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
1,3-Dichlorobenzene	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
1,4-Dichlorobenzene	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
2,4-Dimethylphenol	UG/KG	-	-	750 U	710 U	NA	660 U	610 U
2-Methylnaphthalene	UG/KG	-	-	150 U	140 U	NA	130 U	120 U
2-Nitroaniline	UG/KG	-	-	750 U	710 U	NA	660 U	610 U
3&4-Methylphenol	UG/KG	NS	34000	750 U	710 U	NA	660 U	610 U
4-Bromophenyl-phenylether	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
4-Chloroaniline	UG/KG	-	-	750 U	710 U	NA	660 U	610 U
Acenaphthene	UG/KG	20000	100000	150 U	63.5 J	NA	130 U	120 U
Acenaphthylene	UG/KG	NS	100000	150 U	27.6 J	NA	130 U	120 U
Anthracene	UG/KG	NS	100000	150 U	173	NA	19.2 J	13.9 J
Benzo(a)anthracene	UG/KG	NS	1000	19.5 J	827	NA	75.3 J	61.4 J
Benzo(a)pyrene	UG/KG	2600	1000	150 U	948	NA	142	125
Benzo(b)fluoranthene	UG/KG	NS	1000	150 U	979	NA	126 J	114 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	150 U	710	NA	58.0 J	48.9 J
Benzo(k)fluoranthene	UG/KG	NS	1000	150 U	865	NA	131	118 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-H	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L
Sample ID				2300-FP-N-H-12-24	2300-FP-N-L-0-2	2300-FP-N-L-0-6	2300-FP-N-L-6-12	2300-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	380 U	360 UJ	NA	330 U	300 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	106 J	144 J	NA	99.4 J	105 J
Butylbenzylphthalate	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
Carbazole	UG/KG	-	-	150 U	175	NA	14.9 J	12.7 J
Chrysene	UG/KG	NS	1000	23.1 J	1,030	NA	92.2 J	76.9 J
Dibenz(a,h)anthracene	UG/KG	NS	330	150 U	215	NA	75.1 J	62.1 J
Dibenzofuran	UG/KG	NS	14000	150 U	41.5 J	NA	130 U	120 U
Dimethylphthalate	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
Di-n-butylphthalate	UG/KG	-	-	380 U	17.4 J	NA	330 U	300 U
Di-n-octylphthalate	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
Fluoranthene	UG/KG	NS	100000	43.5 J	2,050	NA	187	145
Fluorene	UG/KG	30000	100000	150 U	74.6 J	NA	130 U	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	150 U	713	NA	157	138
Isophorone	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
Naphthalene	UG/KG	NS	100000	150 U	30.2 J	NA	130 U	120 U
Nitrobenzene	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	380 U	360 U	NA	330 U	300 U
Phenanthrene	UG/KG	NS	100000	22.0 J	938	NA	95.7 J	77.2 J
Phenol	UG/KG	30000	100000	380 U	360 U	NA	330 U	300 U
Pyrene	UG/KG	NS	100000	39.2 J	1,650	NA	158	128

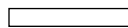
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-H	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L	2300-FP-N-L
Sample ID				2300-FP-N-H-12-24	2300-FP-N-L-0-2	2300-FP-N-L-0-6	2300-FP-N-L-6-12	2300-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	50 U	47 U	NA	43 U	42 U
Aroclor 1254	UG/KG	-	-	50 U	198	NA	123	47.5 J
Aroclor 1260	UG/KG	-	-	50 U	521	NA	224	163
Total Polychlorinated Biphenyls	UG/KG	1000	1000	50 U	519	NA	347	210.5
Metals								
Arsenic	MG/KG	13	16	5.7	5.9	NA	7.1	5.7
Barium	MG/KG	433	350	81.9	79.9	NA	84.9	69.7
Cadmium	MG/KG	4	2.5	0.34 J	0.76	NA	0.49 U	0.38 U
Chromium	MG/KG	41	36	17.0	27.5	NA	20.6	14.9
Lead	MG/KG	63	400	14.6	56.8	NA	29.6	17.9
Mercury	MG/KG	0.18	0.81	0.086 J-	0.13	NA	0.12 J-	0.070 J-
Selenium	MG/KG	3.9	36	0.39 J	1 U	NA	0.59 J	0.89 J
Silver	MG/KG	2	36	0.57 U	0.29 J	NA	0.49 U	0.11 J

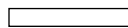
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M
Sample ID				2300-FP-N-M-0-2	DUP-16	2300-FP-N-M-0-6	DUP-16	2300-FP-N-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	2.4 UJ	2.8 U	2 UJ
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	2.4 UJ	2.8 UJ	2 UJ
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	2.4 UJ	2.8 U	2 UJ
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	3.8 J	3.8	2 UJ
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	2.4 UJ	2.8 U	2 UJ
2-Hexanone	UG/KG	-	-	NA	NA	12 U	14 U	10 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	6 U	6.9 U	5.1 U
Acetone	UG/KG	2200	100000	NA	NA	126 J	104	26.0 J
Benzene	UG/KG	70000	2900	NA	NA	0.45 J	0.69 U	0.51 U
Bromomethane	UG/KG	-	-	NA	NA	2.4 UJ	2.8 U	2 UJ
Carbon disulfide	UG/KG	-	-	NA	NA	4.4 J	4.5 J	0.72 J
Chloroform	UG/KG	12000	10000	NA	NA	2.4 UJ	2.8 U	2 UJ
Chloromethane	UG/KG	-	-	NA	NA	6 UJ	6.9 U	5.1 UJ
Ethylbenzene	UG/KG	NS	30000	NA	NA	2.4 U	2.8 U	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	18.2 J	17.6 J	R
Methylene chloride	UG/KG	12000	51000	NA	NA	2.4 UJ	2.8 U	2 UJ
Tetrachloroethene	UG/KG	2000	5500	NA	NA	2.4 U	2.8 U	2 U
Toluene	UG/KG	36000	100000	NA	NA	6 U	6.9 U	5.1 U
Trichloroethene	UG/KG	2000	10000	NA	NA	11.4 J	14.2	0.66 J
Vinyl chloride	UG/KG	NS	210	NA	NA	2.4 UJ	2.8 U	2 UJ

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M
Sample ID				2300-FP-N-M-0-2	DUP-16	2300-FP-N-M-0-6	DUP-16	2300-FP-N-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	2.4 U	2.8 U	2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	300 U	400 U	NA	NA	320 U
1,2-Dichlorobenzene	UG/KG	-	-	300 U	400 U	NA	NA	320 U
1,3-Dichlorobenzene	UG/KG	-	-	300 U	400 U	NA	NA	320 U
1,4-Dichlorobenzene	UG/KG	-	-	300 U	400 U	NA	NA	320 U
2,4-Dimethylphenol	UG/KG	-	-	610 U	790 U	NA	NA	650 U
2-Methylnaphthalene	UG/KG	-	-	120 U	160 U	NA	NA	130 U
2-Nitroaniline	UG/KG	-	-	610 U	790 U	NA	NA	650 U
3&4-Methylphenol	UG/KG	NS	34000	610 U	790 U	NA	NA	650 U
4-Bromophenyl-phenylether	UG/KG	-	-	300 U	400 U	NA	NA	320 U
4-Chloroaniline	UG/KG	-	-	610 U	790 U	NA	NA	650 U
Acenaphthene	UG/KG	20000	100000	33.3 J	43.5 J	NA	NA	130 U
Acenaphthylene	UG/KG	NS	100000	20.5 J	22.9 J	NA	NA	130 U
Anthracene	UG/KG	NS	100000	85.0 J	112 J	NA	NA	28.5 J
Benzo(a)anthracene	UG/KG	NS	1000	428	560	NA	NA	128 J
Benzo(a)pyrene	UG/KG	2600	1000	507	702	NA	NA	187
Benzo(b)fluoranthene	UG/KG	NS	1000	512	731	NA	NA	177
Benzo(g,h,i)perylene	UG/KG	NS	100000	346	502	NA	NA	98.7 J
Benzo(k)fluoranthene	UG/KG	NS	1000	471	612	NA	NA	156

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M
Sample ID				2300-FP-N-M-0-2	DUP-16	2300-FP-N-M-0-6	DUP-16	2300-FP-N-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	300 UJ	400 UJ	NA	NA	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	122 J	160 J	NA	NA	139 J
Butylbenzylphthalate	UG/KG	-	-	300 U	400 U	NA	NA	320 U
Carbazole	UG/KG	-	-	82.9 J	113 J	NA	NA	22.7 J
Chrysene	UG/KG	NS	1000	522	735	NA	NA	137
Dibenz(a,h)anthracene	UG/KG	NS	330	128	156 J	NA	NA	80.6 J
Dibenzofuran	UG/KG	NS	14000	20.9 J	26.3 J	NA	NA	130 U
Dimethylphthalate	UG/KG	-	-	300 U	400 U	NA	NA	320 U
Di-n-butylphthalate	UG/KG	-	-	300 U	43.2 J	NA	NA	320 U
Di-n-octylphthalate	UG/KG	-	-	300 U	400 U	NA	NA	320 U
Fluoranthene	UG/KG	NS	100000	1,010	1,380	NA	NA	280
Fluorene	UG/KG	30000	100000	33.1 J	45.6 J	NA	NA	130 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	401	566	NA	NA	186
Isophorone	UG/KG	-	-	300 U	400 U	NA	NA	320 U
Naphthalene	UG/KG	NS	100000	15.3 J	21.5 J	NA	NA	130 U
Nitrobenzene	UG/KG	-	-	300 U	400 U	NA	NA	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	300 U	400 U	NA	NA	320 U
Phenanthrene	UG/KG	NS	100000	454	599	NA	NA	147
Phenol	UG/KG	30000	100000	300 U	400 U	NA	NA	320 U
Pyrene	UG/KG	NS	100000	828	1,120	NA	NA	241

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M	2300-FP-N-M
Sample ID				2300-FP-N-M-0-2	DUP-16	2300-FP-N-M-0-6	DUP-16	2300-FP-N-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.2	0.0-0.5	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	53 U	NA	NA	43 U
Aroclor 1254	UG/KG	-	-	122	140	NA	NA	94.9
Aroclor 1260	UG/KG	-	-	320	329	NA	NA	194
Total Polychlorinated Biphenyls	UG/KG	1000	1000	442	469	NA	NA	288.9
Metals								
Arsenic	MG/KG	13	16	5.7	6.1	NA	NA	6.8
Barium	MG/KG	433	350	75.0	87.6	NA	NA	82.7
Cadmium	MG/KG	4	2.5	0.66	0.78	NA	NA	0.43
Chromium	MG/KG	41	36	24.0	26.8	NA	NA	23.4
Lead	MG/KG	63	400	56.9	62.4	NA	NA	41.7
Mercury	MG/KG	0.18	0.81	0.11	0.14	NA	NA	0.095 J-
Selenium	MG/KG	3.9	36	0.99 U	1.1 U	NA	NA	0.46 J
Silver	MG/KG	2	36	0.44 J	0.44 J	NA	NA	0.53 U

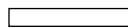
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-SB-N	2300-SB-N	2300-SB-N	2300-SB-S
Sample ID				2300-FP-N-M-12-24	2300-SB-N-0-6	2300-SB-N-6-12	2300-SB-N-12-24	2300-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2 U	2.8 UJ	2.2 U	1.8 U	2.2 UJ
1,1-Dichloroethene	UG/KG	NS	100000	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2 U	1.7 J	2.2 U	1.8 U	6.1 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2 U	2.8 U	2.2 U	1.8 U	0.70 J
2-Hexanone	UG/KG	-	-	10 U	14 U	11 U	8.8 U	11 UJ
4-Methyl-2-pentanone	UG/KG	-	-	5.1 U	7.1 U	5.5 U	4.4 U	5.6 UJ
Acetone	UG/KG	2200	100000	24.9 J	84.8 J	48.6 J	8.6 J	186 J
Benzene	UG/KG	70000	2900	0.45 J	0.71 U	0.55 U	0.70 J	1.3 J
Bromomethane	UG/KG	-	-	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ
Carbon disulfide	UG/KG	-	-	16.1 J	1.1 J	30.2 J	0.99 J	19.0 J
Chloroform	UG/KG	12000	10000	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ
Chloromethane	UG/KG	-	-	5.1 U	1.6 J	1.2 J	4.4 U	5.6 UJ
Ethylbenzene	UG/KG	NS	30000	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	R	R	29.3 J
Methylene chloride	UG/KG	12000	51000	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ
Tetrachloroethene	UG/KG	2000	5500	2 U	0.50 J	2.2 U	1.8 U	2.2 UJ
Toluene	UG/KG	36000	100000	5.1 U	7.1 U	5.5 U	4.4 U	5.6 UJ
Trichloroethene	UG/KG	2000	10000	2 U	18.2 J	3.3 J	1.8 U	17.5 J
Vinyl chloride	UG/KG	NS	210	2 U	2.8 U	2.2 U	1.8 U	2.2 UJ

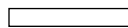
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-SB-N	2300-SB-N	2300-SB-N	2300-SB-S
Sample ID				2300-FP-N-M-12-24	2300-SB-N-0-6	2300-SB-N-6-12	2300-SB-N-12-24	2300-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2 U	2.0 J	2.2 U	1.1 J	2.2 UJ
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	610 U	690 U	660 U	600 U	650 U
2-Methylnaphthalene	UG/KG	-	-	120 U	140 U	130 U	120 U	82.5 J
2-Nitroaniline	UG/KG	-	-	610 U	690 U	660 U	600 U	650 U
3&4-Methylphenol	UG/KG	NS	34000	610 U	690 U	660 U	600 U	650 U
4-Bromophenyl-phenylether	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
4-Chloroaniline	UG/KG	-	-	610 U	690 U	660 U	600 U	650 U
Acenaphthene	UG/KG	20000	100000	120 U	140 U	130 U	120 U	422
Acenaphthylene	UG/KG	NS	100000	120 U	140 U	130 U	120 U	49.2 J
Anthracene	UG/KG	NS	100000	120 U	16.2 J	130 U	120 U	825
Benzo(a)anthracene	UG/KG	NS	1000	15.5 J	69.7 J	130 U	120 U	2,750
Benzo(a)pyrene	UG/KG	2600	1000	120 U	140 U	130 U	120 U	2,450
Benzo(b)fluoranthene	UG/KG	NS	1000	120 U	140 U	130 U	120 U	2,340
Benzo(g,h,i)perylene	UG/KG	NS	100000	120 U	140 U	130 U	120 U	1,490
Benzo(k)fluoranthene	UG/KG	NS	1000	120 U	140 U	130 U	120 U	2,130

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-SB-N	2300-SB-N	2300-SB-N	2300-SB-S
Sample ID				2300-FP-N-M-12-24	2300-SB-N-0-6	2300-SB-N-6-12	2300-SB-N-12-24	2300-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	300 U	350 UJ	330 U	300 U	320 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	98.2 J	350 U	330 U	300 U	195 J
Butylbenzylphthalate	UG/KG	-	-	300 U	350 U	330 U	300 U	271 J
Carbazole	UG/KG	-	-	120 U	14.7 J	130 U	120 U	697
Chrysene	UG/KG	NS	1000	19.3 J	71.6 J	130 U	120 U	2,880
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	140 U	130 U	120 U	587
Dibenzofuran	UG/KG	NS	14000	120 U	140 U	130 U	120 U	254
Dimethylphthalate	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
Di-n-butylphthalate	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
Di-n-octylphthalate	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
Fluoranthene	UG/KG	NS	100000	34.1 J	148	15.4 J	120 U	6,830
Fluorene	UG/KG	30000	100000	120 U	140 U	130 U	120 U	410
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	120 U	140 U	130 U	120 U	1,570
Isophorone	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
Naphthalene	UG/KG	NS	100000	120 U	140 U	130 U	120 U	160
Nitrobenzene	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	300 U	350 U	330 U	300 U	320 U
Phenanthrene	UG/KG	NS	100000	20.3 J	85.8 J	130 U	120 U	4,890
Phenol	UG/KG	30000	100000	300 U	350 U	330 U	300 U	320 U
Pyrene	UG/KG	NS	100000	29.8 J	118 J	16.3 J	120 U	5,310

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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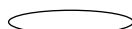
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-FP-N-M	2300-SB-N	2300-SB-N	2300-SB-N	2300-SB-S
Sample ID				2300-FP-N-M-12-24	2300-SB-N-0-6	2300-SB-N-6-12	2300-SB-N-12-24	2300-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	46 U	44 U	39 U	44 U
Aroclor 1254	UG/KG	-	-	42 U	46 U	44 U	39 U	454
Aroclor 1260	UG/KG	-	-	68.1	538	59.8 J	47.2 J	992
Total Polychlorinated Biphenyls	UG/KG	1000	1000	68.1	538	59.8	47.2	1,446
Metals								
Arsenic	MG/KG	13	16	5.8	6.2	6.4	18.1	4.7
Barium	MG/KG	433	350	72.6	65.4	103	118	60.9
Cadmium	MG/KG	4	2.5	0.41 U	0.58	0.40 U	0.36 U	0.60
Chromium	MG/KG	41	36	14.9	24.8	23.2	19.9	30.3
Lead	MG/KG	63	400	13.0	19.7	13.7	10.6	38.0
Mercury	MG/KG	0.18	0.81	0.061 J-	0.099	0.035 J-	0.038 J-	0.24
Selenium	MG/KG	3.9	36	0.45 J	1.1 U	0.99 U	0.90 U	1.1 U
Silver	MG/KG	2	36	0.51 U	1.2	0.50 U	0.45 U	1.1

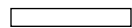
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-SB-S	2300-SB-S	2520-SB-N	2520-SB-N	2520-SB-N
Sample ID				2300-SB-S-6-12	2300-SB-S-12-24	2520-SB-N-0-6	DUP-17	DUP-17
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.3 UJ	110 U	1.7 U	NA	1.7 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.3 UJ	110 U	1.7 U	NA	1.7 U
1,1-Dichloroethene	UG/KG	NS	100000	2.3 UJ	110 U	1.7 U	NA	1.7 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	14.5 J	110 U	1.7 U	NA	1.7 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.3 UJ	110 U	1.7 U	NA	1.7 U
2-Hexanone	UG/KG	-	-	12 U	540 U	8.6 U	NA	8.5 U
4-Methyl-2-pentanone	UG/KG	-	-	5.9 U	270 U	4.3 U	NA	4.2 U
Acetone	UG/KG	2200	100000	71.8 J	R	21.6 J	NA	21.5 J
Benzene	UG/KG	70000	2900	0.59 U	27 U	1.2 J	NA	0.75 J
Bromomethane	UG/KG	-	-	2.3 UJ	110 U	1.7 U	NA	1.7 U
Carbon disulfide	UG/KG	-	-	2.6 J	270 U	5.2 J	NA	3.8 J
Chloroform	UG/KG	12000	10000	2.3 UJ	110 U	1.7 U	NA	1.7 U
Chloromethane	UG/KG	-	-	5.9 UJ	270 U	4.3 U	NA	4.2 U
Ethylbenzene	UG/KG	NS	30000	2.3 U	110 U	1.1 J	NA	1.7 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	7.1 J	R	R	NA	R
Methylene chloride	UG/KG	12000	51000	2.3 UJ	42.3 J	1.7 U	NA	1.7 U
Tetrachloroethene	UG/KG	2000	5500	0.65 J	110 U	1.7 U	NA	1.7 U
Toluene	UG/KG	36000	100000	5.9 U	28.8 J	4.3 U	NA	4.2 U
Trichloroethene	UG/KG	2000	10000	41.0	181 J	1.7 U	NA	1.7 U
Vinyl chloride	UG/KG	NS	210	2.3 UJ	110 U	1.7 U	NA	1.7 U

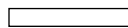
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-SB-S	2300-SB-S	2520-SB-N	2520-SB-N	2520-SB-N
Sample ID				2300-SB-S-6-12	2300-SB-S-12-24	2520-SB-N-0-6	DUP-17	DUP-17
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.3 U	110 U	1.3 J	NA	1.1 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
2,4-Dimethylphenol	UG/KG	-	-	670 U	640 U	570 U	580 U	NA
2-Methylnaphthalene	UG/KG	-	-	30.0 J	50.7 J	110 U	120 U	NA
2-Nitroaniline	UG/KG	-	-	670 U	640 U	570 U	580 U	NA
3&4-Methylphenol	UG/KG	NS	34000	670 U	640 U	570 U	580 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
4-Chloroaniline	UG/KG	-	-	670 U	640 U	570 U	580 U	NA
Acenaphthene	UG/KG	20000	100000	79.2 J	56.8 J	110 U	120 U	NA
Acenaphthylene	UG/KG	NS	100000	14.2 J	13.6 J	110 U	120 U	NA
Anthracene	UG/KG	NS	100000	132	97.3 J	110 U	120 U	NA
Benzo(a)anthracene	UG/KG	NS	1000	429	300	110 U	120 U	NA
Benzo(a)pyrene	UG/KG	2600	1000	441	316	110 U	120 U	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	414	282	110 U	120 U	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	266	175	110 U	120 U	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	391	287	110 U	120 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-SB-S	2300-SB-S	2520-SB-N	2520-SB-N	2520-SB-N
Sample ID				2300-SB-S-6-12	2300-SB-S-12-24	2520-SB-N-0-6	DUP-17	DUP-17
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	320 U	290 UJ	290 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	144 J	231 J	290 U	290 U	NA
Butylbenzylphthalate	UG/KG	-	-	49.7 J	320 U	290 U	290 U	NA
Carbazole	UG/KG	-	-	113 J	75.2 J	110 U	120 U	NA
Chrysene	UG/KG	NS	1000	449	315	110 U	120 U	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	128 J	99.2 J	110 U	120 U	NA
Dibenzofuran	UG/KG	NS	14000	56.5 J	32.7 J	110 U	120 U	NA
Dimethylphthalate	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
Di-n-butylphthalate	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
Di-n-octylphthalate	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
Fluoranthene	UG/KG	NS	100000	1,100	708	110 U	120 U	NA
Fluorene	UG/KG	30000	100000	75.1 J	58.9 J	110 U	120 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	346	248	110 U	120 U	NA
Isophorone	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
Naphthalene	UG/KG	NS	100000	56.8 J	152	110 U	120 U	NA
Nitrobenzene	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	320 U	290 U	290 U	NA
Phenanthrene	UG/KG	NS	100000	875	575	110 U	120 U	NA
Phenol	UG/KG	30000	100000	330 U	320 U	290 U	290 U	NA
Pyrene	UG/KG	NS	100000	882	590	110 U	120 U	NA

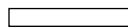
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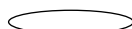
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2300-SB-S	2300-SB-S	2520-SB-N	2520-SB-N	2520-SB-N
Sample ID				2300-SB-S-6-12	2300-SB-S-12-24	2520-SB-N-0-6	DUP-17	DUP-17
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	43 U	38 U	37 U	NA
Aroclor 1254	UG/KG	-	-	764	963 DJ	38 U	37 U	NA
Aroclor 1260	UG/KG	-	-	1,150 D	2,020 D	27.3 J	22.7 J	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,914	2,983	27.3	22.7	NA
Metals								
Arsenic	MG/KG	13	16	7.8	4.8	8.9 J	4.5 J	NA
Barium	MG/KG	433	350	60.1	40.3	74.8	101	NA
Cadmium	MG/KG	4	2.5	0.51	0.41 U	0.38 U	0.37 U	NA
Chromium	MG/KG	41	36	82.3	59.7	7.8	7.2	NA
Lead	MG/KG	63	400	64.1	53.0	4.7	3.9	NA
Mercury	MG/KG	0.18	0.81	0.56 J-	0.15 J-	0.029 U	0.029 U	NA
Selenium	MG/KG	3.9	36	0.37 J	1.0 U	0.94 U	0.93 U	NA
Silver	MG/KG	2	36	1.5	0.64	0.47 U	0.074 J	NA

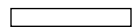
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

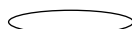
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2520-SB-N	2520-SB-N	2520-SB-S	2520-SB-S	2520-SB-S
Sample ID				2520-SB-N-6-12	2520-SB-N-12-24	2520-SB-S-0-6	2520-SB-S-6-12	2520-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2 U	1.7 U	140 U	390 U	120 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2 U	1.7 U	140 U	390 U	120 U
1,1-Dichloroethene	UG/KG	NS	100000	2 U	1.7 U	140 U	390 U	120 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2 U	1.7 U	140 U	390 U	120 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2 U	1.7 U	140 U	390 U	120 U
2-Hexanone	UG/KG	-	-	10 U	8.6 U	680 U	1,900 U	590 U
4-Methyl-2-pentanone	UG/KG	-	-	5.1 U	4.3 U	340 U	970 U	290 U
Acetone	UG/KG	2200	100000	17.4 J	39.8 J	R	R	R
Benzene	UG/KG	70000	2900	0.85 J	0.92 J	34 U	97 U	29 U
Bromomethane	UG/KG	-	-	2 U	1.7 U	140 U	390 U	120 U
Carbon disulfide	UG/KG	-	-	2.2 J	1.2 J	340 U	970 U	290 U
Chloroform	UG/KG	12000	10000	2 U	1.7 U	140 U	390 U	120 U
Chloromethane	UG/KG	-	-	5.1 U	4.3 U	340 U	970 U	290 U
Ethylbenzene	UG/KG	NS	30000	2 U	1.7 U	140 U	390 U	120 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	9.8 J	R	R	R
Methylene chloride	UG/KG	12000	51000	2 U	1.7 U	32.9 J	390 U	120 U
Tetrachloroethene	UG/KG	2000	5500	2 U	1.7 U	140 U	390 U	120 U
Toluene	UG/KG	36000	100000	5.1 U	4.3 U	49.4 J	970 U	123 J
Trichloroethene	UG/KG	2000	10000	2 U	1.7 U	445	115 J	214
Vinyl chloride	UG/KG	NS	210	2 U	1.7 U	140 U	390 U	120 U

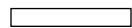
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2520-SB-N	2520-SB-N	2520-SB-S	2520-SB-S	2520-SB-S
Sample ID				2520-SB-N-6-12	2520-SB-N-12-24	2520-SB-S-0-6	2520-SB-S-6-12	2520-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2 U	1.1 J	33.4 J	390 U	92.5 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
2,4-Dimethylphenol	UG/KG	-	-	620 U	600 U	3,500 U	730 U	31.1 J
2-Methylnaphthalene	UG/KG	-	-	120 U	120 U	1,190	266	1,590
2-Nitroaniline	UG/KG	-	-	620 U	600 U	3,500 U	730 U	670 U
3&4-Methylphenol	UG/KG	NS	34000	620 U	600 U	3,500 U	730 U	66.9 J
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
4-Chloroaniline	UG/KG	-	-	620 U	600 U	3,500 U	730 U	670 U
Acenaphthene	UG/KG	20000	100000	120 U	120 U	2,380	1,020	8,490
Acenaphthylene	UG/KG	NS	100000	120 U	120 U	700 U	66.5 J	95.3 J
Anthracene	UG/KG	NS	100000	120 U	120 U	4,350	1,810	8,250
Benzo(a)anthracene	UG/KG	NS	1000	120 U	120 U	11,000	5,450	21,500 DJ
Benzo(a)pyrene	UG/KG	2600	1000	120 U	120 U	9,220	4,570	17,300 DJ
Benzo(b)fluoranthene	UG/KG	NS	1000	120 U	120 U	8,030	4,430	17,000 DJ
Benzo(g,h,i)perylene	UG/KG	NS	100000	120 U	120 U	5,090	2,760	7,380
Benzo(k)fluoranthene	UG/KG	NS	1000	120 U	120 U	7,810	4,150	8,030

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2520-SB-N	2520-SB-N	2520-SB-S	2520-SB-S	2520-SB-S
Sample ID				2520-SB-N-6-12	2520-SB-N-12-24	2520-SB-S-0-6	2520-SB-S-6-12	2520-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	300 U	1,800 UJ	360 U	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	310 U	300 U	1,800 U	162 J	330 U
Butylbenzylphthalate	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
Carbazole	UG/KG	-	-	120 U	120 U	3,130	1,790	6,470
Chrysene	UG/KG	NS	1000	120 U	120 U	10,700	5,820	21,700 DJ
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	120 U	1,760	905	2,610
Dibenzofuran	UG/KG	NS	14000	120 U	120 U	2,140	793	4,120
Dimethylphthalate	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
Di-n-butylphthalate	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
Di-n-octylphthalate	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
Fluoranthene	UG/KG	NS	100000	120 U	120 U	26,500	18,200 DJ	60,900 DJ
Fluorene	UG/KG	30000	100000	120 U	120 U	2,750	1,100	6,600
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	120 U	120 U	6,070	2,830	8,150
Isophorone	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
Naphthalene	UG/KG	NS	100000	120 U	120 U	2,700	582	4,180
Nitrobenzene	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	300 U	1,800 U	360 U	330 U
Phenanthrene	UG/KG	NS	100000	120 U	120 U	23,300	16,000 DJ	60,700 DJ
Phenol	UG/KG	30000	100000	310 U	300 U	1,800 U	360 U	330 U
Pyrene	UG/KG	NS	100000	120 U	120 U	19,400	11,400	45,400 DJ

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2520-SB-N	2520-SB-N	2520-SB-S	2520-SB-S	2520-SB-S
Sample ID				2520-SB-N-6-12	2520-SB-N-12-24	2520-SB-S-0-6	2520-SB-S-6-12	2520-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	39 U	48 U	49 U	45 U
Aroclor 1254	UG/KG	-	-	42 U	39 U	687	692	417
Aroclor 1260	UG/KG	-	-	47.1	39 U	1,450 D	1,890 D	1,990 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	47.1	39 U	2,137	2,582	2,407
Metals								
Arsenic	MG/KG	13	16	6.2	6.7	5.4	5.8	5.6
Barium	MG/KG	433	350	27.9	30.4	62.4	63.3	42.5
Cadmium	MG/KG	4	2.5	0.40 U	0.35 U	0.60	0.61	0.43
Chromium	MG/KG	41	36	8.2	8.6	27.6	29.1	28.3
Lead	MG/KG	63	400	4.9	5.6	36.6	36.1	36.4
Mercury	MG/KG	0.18	0.81	0.036 UJ	0.033 UJ	0.16	0.17 J-	0.14 J-
Selenium	MG/KG	3.9	36	0.99 U	0.88 U	0.99 U	1.1 U	0.31 J
Silver	MG/KG	2	36	0.49 U	0.44 U	0.64	0.73	0.63

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-C	2600-C	2600-FP-S-H	2600-FP-S-H	2600-FP-S-H
Sample ID				2600-C-1.0-1.5	2600-C-4.5-5.0	2600-FP-S-H-0-2	2600-FP-S-H-0-6	2600-F-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.5-5.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	NA	290 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	NA	290 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	NA	290 U	1.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	NA	290 U	0.50 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	NA	290 U	1.9 U
2-Hexanone	UG/KG	-	-	NA	NA	NA	1,400 U	9.3 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	NA	5,900	4.6 U
Acetone	UG/KG	2200	100000	NA	NA	NA	R	129
Benzene	UG/KG	70000	2900	NA	NA	NA	72 U	0.46 U
Bromomethane	UG/KG	-	-	NA	NA	NA	290 U	1.9 U
Carbon disulfide	UG/KG	-	-	NA	NA	NA	720 U	2.5 J
Chloroform	UG/KG	12000	10000	NA	NA	NA	290 U	1.9 U
Chloromethane	UG/KG	-	-	NA	NA	NA	720 U	4.6 U
Ethylbenzene	UG/KG	NS	30000	NA	NA	NA	119 J	1.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	NA	R	9.5 J
Methylene chloride	UG/KG	12000	51000	NA	NA	NA	290 U	1.9 U
Tetrachloroethene	UG/KG	2000	5500	NA	NA	NA	290 U	1.9 U
Toluene	UG/KG	36000	100000	NA	NA	NA	92.7 J	4.6 U
Trichloroethene	UG/KG	2000	10000	NA	NA	NA	290 U	4.3
Vinyl chloride	UG/KG	NS	210	NA	NA	NA	290 UJ	1.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-C	2600-C	2600-FP-S-H	2600-FP-S-H	2600-FP-S-H
Sample ID				2600-C-1.0-1.5	2600-C-4.5-5.0	2600-FP-S-H-0-2	2600-FP-S-H-0-6	2600-F-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.5-5.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	NA	1,200	1.9 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
2,4-Dimethylphenol	UG/KG	-	-	NA	NA	3,600 U	NA	590 U
2-Methylnaphthalene	UG/KG	-	-	NA	NA	720 U	NA	120 U
2-Nitroaniline	UG/KG	-	-	NA	NA	3,600 U	NA	590 U
3&4-Methylphenol	UG/KG	NS	34000	NA	NA	3,600 U	NA	590 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
4-Chloroaniline	UG/KG	-	-	NA	NA	3,600 U	NA	590 U
Acenaphthene	UG/KG	20000	100000	NA	NA	221 J	NA	120 U
Acenaphthylene	UG/KG	NS	100000	NA	NA	720 U	NA	120 U
Anthracene	UG/KG	NS	100000	NA	NA	356 J	NA	23.7 J
Benzo(a)anthracene	UG/KG	NS	1000	NA	NA	885	NA	89.7 J
Benzo(a)pyrene	UG/KG	2600	1000	NA	NA	1,160	NA	144
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	NA	1,060	NA	124
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	NA	589 J	NA	61.5 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	NA	979	NA	125

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-C	2600-C	2600-FP-S-H	2600-FP-S-H	2600-FP-S-H
Sample ID				2600-C-1.0-1.5	2600-C-4.5-5.0	2600-FP-S-H-0-2	2600-FP-S-H-0-6	2600-F-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.5-5.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	NA	1,800 UJ	NA	300 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	NA	1,800 U	NA	84.0 J
Butylbenzylphthalate	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
Carbazole	UG/KG	-	-	NA	NA	216 J	NA	18.4 J
Chrysene	UG/KG	NS	1000	NA	NA	896	NA	98.4 J
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	NA	720 U	NA	68.0 J
Dibenzofuran	UG/KG	NS	14000	NA	NA	87.6 J	NA	120 U
Dimethylphthalate	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
Di-n-butylphthalate	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
Di-n-octylphthalate	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
Fluoranthene	UG/KG	NS	100000	NA	NA	2,200	NA	204
Fluorene	UG/KG	30000	100000	NA	NA	176 J	NA	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	NA	1,070	NA	141
Isophorone	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
Naphthalene	UG/KG	NS	100000	NA	NA	720 U	NA	120 U
Nitrobenzene	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	NA	1,800 U	NA	300 U
Phenanthrene	UG/KG	NS	100000	NA	NA	1,480	NA	110 J
Phenol	UG/KG	30000	100000	NA	NA	1,800 U	NA	300 U
Pyrene	UG/KG	NS	100000	NA	NA	1,650	NA	163

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-C	2600-C	2600-FP-S-H	2600-FP-S-H	2600-FP-S-H
Sample ID				2600-C-1.0-1.5	2600-C-4.5-5.0	2600-FP-S-H-0-2	2600-FP-S-H-0-6	2600-F-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.5-5.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	36 U	36 U	48 U	NA	39 U
Aroclor 1254	UG/KG	-	-	36 U	36 U	192	NA	105
Aroclor 1260	UG/KG	-	-	36 U	36 U	161	NA	138
Total Polychlorinated Biphenyls	UG/KG	1000	1000	36 U	36 U	353	NA	243
Metals								
Arsenic	MG/KG	13	16	NA	NA	5.5	NA	6.7
Barium	MG/KG	433	350	NA	NA	2,820	NA	288 J
Cadmium	MG/KG	4	2.5	NA	NA	4.8	NA	0.45
Chromium	MG/KG	41	36	NA	NA	19.9	NA	19.6
Lead	MG/KG	63	400	NA	NA	1,070	NA	101 J
Mercury	MG/KG	0.18	0.81	NA	NA	0.12	NA	0.071 J-
Selenium	MG/KG	3.9	36	NA	NA	1.1 U	NA	0.98 U
Silver	MG/KG	2	36	NA	NA	4.0	NA	0.49 U

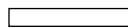
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-H	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L
Sample ID				2600-F-S-H-12-24	2600-FP-S-L-0-2	2600-FP-S-L-0-6	2600-FP-S-L-6-12	2600-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	200 U	NA	2.9 U	2.4 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	200 U	NA	2.9 U	2.4 UJ	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	200 U	NA	2.9 U	2.4 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	200 U	NA	5.9 J	1.8 J	2.3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	200 U	NA	2.9 U	2.4 U	2.3 U
2-Hexanone	UG/KG	-	-	1,000 U	NA	15 U	12 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	1,030	NA	7.3 U	6.1 U	5.7 U
Acetone	UG/KG	2200	100000	R	NA	235 J	334 J	149 J
Benzene	UG/KG	70000	2900	50 U	NA	0.63 J	0.61 U	0.57 U
Bromomethane	UG/KG	-	-	200 U	NA	2.9 U	2.4 U	2.3 U
Carbon disulfide	UG/KG	-	-	500 U	NA	4.7 J	5.1 J	5.7 U
Chloroform	UG/KG	12000	10000	200 U	NA	2.9 U	2.4 U	2.3 U
Chloromethane	UG/KG	-	-	500 U	NA	7.3 U	6.1 U	5.7 U
Ethylbenzene	UG/KG	NS	30000	200 U	NA	2.9 U	2.4 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	18.0 J	18.6 J	16.9 J
Methylene chloride	UG/KG	12000	51000	200 U	NA	2.9 U	2.4 U	2.3 U
Tetrachloroethene	UG/KG	2000	5500	200 U	NA	2.9 U	2.4 U	2.3 U
Toluene	UG/KG	36000	100000	42.3 J	NA	7.3 U	6.1 U	5.7 U
Trichloroethene	UG/KG	2000	10000	200 U	NA	18.6 J	8.2 J	1.5 J
Vinyl chloride	UG/KG	NS	210	200 UJ	NA	2.9 U	2.4 U	2.3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-H	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L
Sample ID				2600-F-S-H-12-24	2600-FP-S-L-0-2	2600-FP-S-L-0-6	2600-FP-S-L-6-12	2600-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	236	NA	2.2 J	1.8 J	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	590 U	650 U	NA	650 U	640 U
2-Methylnaphthalene	UG/KG	-	-	120 U	22.1 J	NA	130 U	130 U
2-Nitroaniline	UG/KG	-	-	590 U	650 U	NA	650 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	590 U	650 U	NA	650 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
4-Chloroaniline	UG/KG	-	-	590 U	650 U	NA	650 U	640 U
Acenaphthene	UG/KG	20000	100000	35.5 J	130 U	NA	13.8 J	130 U
Acenaphthylene	UG/KG	NS	100000	120 U	130 U	NA	14.7 J	130 U
Anthracene	UG/KG	NS	100000	51.1 J	184	NA	38.1 J	130 U
Benzo(a)anthracene	UG/KG	NS	1000	143	919	NA	120 J	24.4 J
Benzo(a)pyrene	UG/KG	2600	1000	188	1,040	NA	181	88.5 J
Benzo(b)fluoranthene	UG/KG	NS	1000	165	1,080	NA	143	69.5 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	100 J	764	NA	83.0 J	17.8 J
Benzo(k)fluoranthene	UG/KG	NS	1000	156	932	NA	167	82.9 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-H	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L
Sample ID				2600-F-S-H-12-24	2600-FP-S-L-0-2	2600-FP-S-L-0-6	2600-FP-S-L-6-12	2600-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	290 U	320 UJ	NA	330 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	98.5 J	232 J	NA	105 J	95.9 J
Butylbenzylphthalate	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
Carbazole	UG/KG	-	-	34.6 J	156	NA	22.9 J	130 U
Chrysene	UG/KG	NS	1000	144	1,150	NA	139	30.8 J
Dibenz(a,h)anthracene	UG/KG	NS	330	70.3 J	295	NA	71.3 J	130 U
Dibenzofuran	UG/KG	NS	14000	120 U	45.2 J	NA	130 U	130 U
Dimethylphthalate	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
Di-n-butylphthalate	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
Di-n-octylphthalate	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
Fluoranthene	UG/KG	NS	100000	350	2,060	NA	263	57.9 J
Fluorene	UG/KG	30000	100000	26.1 J	130 U	NA	130 U	130 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	175	848	NA	173	112 J
Isophorone	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
Naphthalene	UG/KG	NS	100000	120 U	130 U	NA	130 U	130 U
Nitrobenzene	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	290 U	320 U	NA	330 U	320 U
Phenanthrene	UG/KG	NS	100000	237	995	NA	151	33.7 J
Phenol	UG/KG	30000	100000	290 U	320 U	NA	330 U	320 U
Pyrene	UG/KG	NS	100000	280	1,850	NA	239	46.3 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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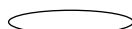
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-H	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L	2600-FP-S-L
Sample ID				2600-F-S-H-12-24	2600-FP-S-L-0-2	2600-FP-S-L-0-6	2600-FP-S-L-6-12	2600-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	39 U	42 U	NA	42 U	43 U
Aroclor 1254	UG/KG	-	-	87.1	180	NA	42 U	43 U
Aroclor 1260	UG/KG	-	-	92.0	948 D	NA	475	112
Total Polychlorinated Biphenyls	UG/KG	1000	1000	179.1	1,128	NA	475	112
Metals								
Arsenic	MG/KG	13	16	7.2	6.0	NA	7.5	7.1
Barium	MG/KG	433	350	627	75.4	NA	89.1	95.4
Cadmium	MG/KG	4	2.5	0.80	0.91	NA	0.58	0.44
Chromium	MG/KG	41	36	17.2	24.8	NA	23.1	16.9
Lead	MG/KG	63	400	177	47.8	NA	27.9	14.6
Mercury	MG/KG	0.18	0.81	0.054 J-	0.16	NA	0.12 J-	0.11 J-
Selenium	MG/KG	3.9	36	0.44 J	0.34 J	NA	0.57 J	0.66 J
Silver	MG/KG	2	36	0.48 U	0.61	NA	0.47 U	0.5 U

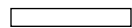
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2900-C
Sample ID				2600-FP-S-M-0-2	2600-FP-S-M-0-6	2600-FP-S-M-6-12	2600-FP-S-M-12-24	2900-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.7 U	3 U	2.5 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.7 U	3 U	2.5 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.7 U	3 U	2.5 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	3.0 J	2.7 J	2.5 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.7 U	3 U	2.5 U	NA
2-Hexanone	UG/KG	-	-	NA	13 U	15 U	13 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	6.7 U	7.6 U	6.3 U	NA
Acetone	UG/KG	2200	100000	NA	178 J	187 J	88.8 J	NA
Benzene	UG/KG	70000	2900	NA	0.67 U	0.76 U	0.63 U	NA
Bromomethane	UG/KG	-	-	NA	2.7 U	3 U	2.5 U	NA
Carbon disulfide	UG/KG	-	-	NA	1.8 J	1.5 J	0.62 J	NA
Chloroform	UG/KG	12000	10000	NA	2.7 U	3 U	2.5 U	NA
Chloromethane	UG/KG	-	-	NA	6.7 U	7.6 U	6.3 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.7 U	3 U	2.5 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	17.6 J	11.2 J	R	NA
Methylene chloride	UG/KG	12000	51000	NA	2.7 U	3 U	2.5 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.7 U	3 U	2.5 U	NA
Toluene	UG/KG	36000	100000	NA	6.7 U	7.6 U	6.3 U	NA
Trichloroethene	UG/KG	2000	10000	NA	10.7 J	11.5 J	1.2 J	NA
Vinyl chloride	UG/KG	NS	210	NA	2.7 U	3 U	2.5 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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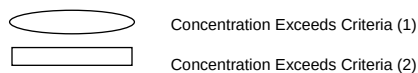
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2900-C
Sample ID				2600-FP-S-M-0-2	2600-FP-S-M-0-6	2600-FP-S-M-6-12	2600-FP-S-M-12-24	2900-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	1.8 J	2.0 J	2.5 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
1,2-Dichlorobenzene	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
1,3-Dichlorobenzene	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
1,4-Dichlorobenzene	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
2,4-Dimethylphenol	UG/KG	-	-	810 U	NA	670 U	680 UJ	NA
2-Methylnaphthalene	UG/KG	-	-	160 U	NA	130 U	140 UJ	NA
2-Nitroaniline	UG/KG	-	-	810 U	NA	670 U	680 UJ	NA
3&4-Methylphenol	UG/KG	NS	34000	810 U	NA	670 U	680 UJ	NA
4-Bromophenyl-phenylether	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
4-Chloroaniline	UG/KG	-	-	810 U	NA	670 U	680 UJ	NA
Acenaphthene	UG/KG	20000	100000	160 U	NA	130 U	140 UJ	NA
Acenaphthylene	UG/KG	NS	100000	160 U	NA	130 U	26.6 J	NA
Anthracene	UG/KG	NS	100000	61.2 J	NA	16.1 J	29.1 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	294	NA	61.8 J	101 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	386	NA	131	194 J	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	406	NA	113 J	137 J	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	251	NA	46.7 J	92.7 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	348	NA	116 J	106 J	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2900-C
Sample ID				2600-FP-S-M-0-2	2600-FP-S-M-0-6	2600-FP-S-M-6-12	2600-FP-S-M-12-24	2900-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	400 UJ	NA	340 U	340 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	400 U	NA	101 J	147 J	NA
Butylbenzylphthalate	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
Carbazole	UG/KG	-	-	72.4 J	NA	16.9 J	23.9 J	NA
Chrysene	UG/KG	NS	1000	379	NA	75.9 J	142 J	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	160 U	NA	130 U	52.0 J	NA
Dibenzofuran	UG/KG	NS	14000	17.8 J	NA	130 U	140 UJ	NA
Dimethylphthalate	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
Di-n-butylphthalate	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
Di-n-octylphthalate	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
Fluoranthene	UG/KG	NS	100000	747	NA	141	252 J	NA
Fluorene	UG/KG	30000	100000	160 U	NA	130 U	140 UJ	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	372	NA	143	144 J	NA
Isophorone	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
Naphthalene	UG/KG	NS	100000	160 U	NA	130 U	20.7 J	NA
Nitrobenzene	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	400 U	NA	340 U	340 UJ	NA
Phenanthrene	UG/KG	NS	100000	351	NA	79.8 J	127 J	NA
Phenol	UG/KG	30000	100000	400 U	NA	340 U	340 UJ	NA
Pyrene	UG/KG	NS	100000	655	NA	126 J	213 J	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2600-FP-S-M	2900-C
Sample ID				2600-FP-S-M-0-2	2600-FP-S-M-0-6	2600-FP-S-M-6-12	2600-FP-S-M-12-24	2900-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	53 U	NA	43 U	45 U	45 U
Aroclor 1254	UG/KG	-	-	83.8	NA	72.6	45 U	45 U
Aroclor 1260	UG/KG	-	-	457	NA	517	451	45 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	540.8	NA	589.6	451	45 U
Metals								
Arsenic	MG/KG	13	16	6.1	NA	6.7	7.6	NA
Barium	MG/KG	433	350	88.7	NA	90.0	81.4	NA
Cadmium	MG/KG	4	2.5	0.68	NA	0.64	0.55	NA
Chromium	MG/KG	41	36	22.8	NA	23.4	21.7	NA
Lead	MG/KG	63	400	57.2	NA	52.1	25.9	NA
Mercury	MG/KG	0.18	0.81	0.13	NA	0.11 J-	0.11 J-	NA
Selenium	MG/KG	3.9	36	1.1 U	NA	0.40 J	0.68 J	NA
Silver	MG/KG	2	36	0.57	NA	0.19 J	0.085 J	NA

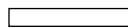
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-L
Sample ID				2900-FP-S-H-0-2	2900-FP-S-H-0-6	2900-FP-S-H-6-12	2900-FP-S-H-12-24	2900-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.1 U	1.9 U	1.6 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.1 UJ	1.9 U	1.6 UJ	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.1 U	1.9 U	1.6 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.1 U	1.9 U	1.6 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.1 U	1.9 U	1.6 U	NA
2-Hexanone	UG/KG	-	-	NA	11 UJ	9.4 U	8.1 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	5.3 U	4.7 U	4 U	NA
Acetone	UG/KG	2200	100000	NA	254 J	22.7 J	25.5 J	NA
Benzene	UG/KG	70000	2900	NA	1.6 J	0.74 J	1.1 J	NA
Bromomethane	UG/KG	-	-	NA	2.1 U	1.9 U	1.6 U	NA
Carbon disulfide	UG/KG	-	-	NA	1.9 J	3.4 J	4.4 J	NA
Chloroform	UG/KG	12000	10000	NA	2.1 U	1.9 U	1.6 U	NA
Chloromethane	UG/KG	-	-	NA	5.3 U	4.7 U	4 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.1 UJ	1.9 U	1.6 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	44.8 J	R	R	NA
Methylene chloride	UG/KG	12000	51000	NA	2.1 U	1.9 U	1.6 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.1 UJ	1.9 U	1.6 U	NA
Toluene	UG/KG	36000	100000	NA	5.3 U	4.7 U	4 U	NA
Trichloroethene	UG/KG	2000	10000	NA	2.1 U	1.9 U	1.6 U	NA
Vinyl chloride	UG/KG	NS	210	NA	2.1 U	1.9 U	1.6 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

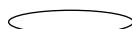
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-L
Sample ID				2900-FP-S-H-0-2	2900-FP-S-H-0-6	2900-FP-S-H-6-12	2900-FP-S-H-12-24	2900-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	1.5 J	1.9 U	1.1 J	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
2,4-Dimethylphenol	UG/KG	-	-	630 U	NA	540 UJ	560 U	700 U
2-Methylnaphthalene	UG/KG	-	-	130 U	NA	110 UJ	110 U	46.0 J
2-Nitroaniline	UG/KG	-	-	630 U	NA	540 UJ	560 U	700 U
3&4-Methylphenol	UG/KG	NS	34000	630 U	NA	540 UJ	560 U	700 UJ
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
4-Chloroaniline	UG/KG	-	-	630 U	NA	540 UJ	560 U	700 U
Acenaphthene	UG/KG	20000	100000	130 U	NA	110 UJ	11.4 J	208
Acenaphthylene	UG/KG	NS	100000	130 U	NA	110 UJ	110 U	30.4 J
Anthracene	UG/KG	NS	100000	130 U	NA	110 UJ	18.9 J	460
Benzo(a)anthracene	UG/KG	NS	1000	21.7 J	NA	16.8 J	52.0 J	2,010
Benzo(a)pyrene	UG/KG	2600	1000	130 U	NA	85.6 J	103 J	1,880
Benzo(b)fluoranthene	UG/KG	NS	1000	130 U	NA	18.2 J	82.0 J	1,800
Benzo(g,h,i)perylene	UG/KG	NS	100000	130 U	NA	16.5 J	31.8 J	1,610 J
Benzo(k)fluoranthene	UG/KG	NS	1000	130 U	NA	16.2 J	79.2 J	1,650

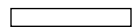
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-L
Sample ID				2900-FP-S-H-0-2	2900-FP-S-H-0-6	2900-FP-S-H-6-12	2900-FP-S-H-12-24	2900-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 UJ	NA	270 UJ	280 U	350 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	320 U	NA	270 UJ	77.6 J	349 J
Butylbenzylphthalate	UG/KG	-	-	320 U	NA	270 UJ	280 U	123 J
Carbazole	UG/KG	-	-	130 U	NA	110 UJ	110 U	420
Chrysene	UG/KG	NS	1000	35.0 J	NA	18.0 J	50.8 J	2,100
Dibenz(a,h)anthracene	UG/KG	NS	330	130 U	NA	110 UJ	110 U	140 U
Dibenzofuran	UG/KG	NS	14000	130 U	NA	110 UJ	110 U	118 J
Dimethylphthalate	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
Di-n-butylphthalate	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
Di-n-octylphthalate	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
Fluoranthene	UG/KG	NS	100000	54.8 J	NA	29.0 J	116	4,580
Fluorene	UG/KG	30000	100000	130 U	NA	110 UJ	110 U	196
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	130 U	NA	57.3 J	112	1,700 J
Isophorone	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
Naphthalene	UG/KG	NS	100000	130 U	NA	110 UJ	110 U	79.8 J
Nitrobenzene	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	NA	270 UJ	280 U	350 UJ
Phenanthrene	UG/KG	NS	100000	21.8 J	NA	17.5 J	72.4 J	2,500
Phenol	UG/KG	30000	100000	320 U	NA	270 UJ	280 U	350 UJ
Pyrene	UG/KG	NS	100000	46.0 J	NA	28.0 J	96.2 J	3,930

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-H	2900-FP-S-L
Sample ID				2900-FP-S-H-0-2	2900-FP-S-H-0-6	2900-FP-S-H-6-12	2900-FP-S-H-12-24	2900-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/05/16	05/05/16	05/05/16	05/05/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	NA	36 U	38 U	47 U
Aroclor 1254	UG/KG	-	-	43 U	NA	36 U	38 U	625
Aroclor 1260	UG/KG	-	-	43 U	NA	36 U	38 U	2,080 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	43 U	NA	36 U	38 U	2,705
Metals								
Arsenic	MG/KG	13	16	4.0	NA	3.8	4.7	6.6
Barium	MG/KG	433	350	41.9	NA	42.7	45.8	72.9
Cadmium	MG/KG	4	2.5	0.42 U	NA	0.34 U	0.35 U	1.2
Chromium	MG/KG	41	36	7.7	NA	9.5	8.8	52.1
Lead	MG/KG	63	400	6.1	NA	5.9	5.4	95.8
Mercury	MG/KG	0.18	0.81	0.034 U	NA	0.033 UJ	0.035 UJ	0.44
Selenium	MG/KG	3.9	36	1 U	NA	0.85 U	0.88 U	0.28 U
Silver	MG/KG	2	36	0.52 U	NA	0.42 U	0.44 U	2.3

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-L	2900-FP-S-L	2900-FP-S-L	2900-FP-S-M	2900-FP-S-M
Sample ID				2900-FP-S-L-0-6	2900-FP-S-L-6-12	2900-FP-S-L-12-24	2900-FP-S-M-0-2	2900-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	2.7 U	0.60 J	NA	2.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 U	2.7 U	2.8 U	NA	2.9 U
1,1-Dichloroethene	UG/KG	NS	100000	1.2 U	1.3 U	1.4 U	NA	1.5 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	6.0	5.4	6.0	NA	3.0
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 U	1.3 U	1.4 U	NA	1.5 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	6.2 U	6.6 U	7 U	NA	7.3 U
Acetone	UG/KG	2200	100000	64.3	90.9	143	NA	169
Benzene	UG/KG	70000	2900	0.36 J	0.66 U	0.7 U	NA	0.73 U
Bromomethane	UG/KG	-	-	6.2 U	6.6 U	7 U	NA	7.3 U
Carbon disulfide	UG/KG	-	-	1.8 J	1.7 J	4.2	NA	2.9 U
Chloroform	UG/KG	12000	10000	2.5 U	2.7 U	2.8 U	NA	2.9 U
Chloromethane	UG/KG	-	-	6.2 U	6.6 U	7 U	NA	7.3 U
Ethylbenzene	UG/KG	NS	30000	1.2 U	1.3 U	1.4 U	NA	1.5 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	12.2 J	12.2 J	18.6 J	NA	16.3 J
Methylene chloride	UG/KG	12000	51000	6.2 U	6.6 U	7 U	NA	7.3 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	0.56 J	0.44 J	NA	2.9 U
Toluene	UG/KG	36000	100000	0.46 J	1.3 U	1.4 U	NA	0.51 J
Trichloroethene	UG/KG	2000	10000	15.8	23.9	25.4	NA	5.4
Vinyl chloride	UG/KG	NS	210	2.5 U	0.68 J	2.8 U	NA	2.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

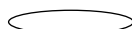
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-L	2900-FP-S-L	2900-FP-S-L	2900-FP-S-M	2900-FP-S-M
Sample ID				2900-FP-S-L-0-6	2900-FP-S-L-6-12	2900-FP-S-L-12-24	2900-FP-S-M-0-2	2900-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.36 J	1.3 U	1.4 U	NA	0.41 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	360 U	360 U	410 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	360 U	360 U	410 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	360 U	360 U	410 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	360 U	360 U	410 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	710 U	730 U	810 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	57.5 J	150 U	160 U	NA
2-Nitroaniline	UG/KG	-	-	NA	710 U	730 U	810 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	710 U	730 U	810 UJ	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	360 U	360 U	410 U	NA
4-Chloroaniline	UG/KG	-	-	NA	710 U	730 U	810 U	NA
Acenaphthene	UG/KG	20000	100000	NA	239	49.2 J	33.1 J	NA
Acenaphthylene	UG/KG	NS	100000	NA	47.2 J	19.8 J	160 U	NA
Anthracene	UG/KG	NS	100000	NA	528	99.1 J	68.6 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	1,770	357	300	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	1,650	399	401	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	1,560	289	407	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	1,040	203	241 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	1,580	320	245	NA

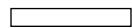
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-L	2900-FP-S-L	2900-FP-S-L	2900-FP-S-M	2900-FP-S-M
Sample ID				2900-FP-S-L-0-6	2900-FP-S-L-6-12	2900-FP-S-L-12-24	2900-FP-S-M-0-2	2900-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	360 U	360 U	410 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	276 J	616	410 U	NA
Butylbenzylphthalate	UG/KG	-	-	NA	210 J	360 U	410 U	NA
Carbazole	UG/KG	-	-	NA	412	69.7 J	67.9 J	NA
Chrysene	UG/KG	NS	1000	NA	1,870	364	312	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	322	95.0 J	160 U	NA
Dibenzofuran	UG/KG	NS	14000	NA	155	28.9 J	17.9 J	NA
Dimethylphthalate	UG/KG	-	-	NA	360 U	360 U	410 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	42.1 J	37.1 J	410 U	NA
Di-n-octylphthalate	UG/KG	-	-	NA	360 U	360 U	410 U	NA
Fluoranthene	UG/KG	NS	100000	NA	4,490	825	729	NA
Fluorene	UG/KG	30000	100000	NA	217	46.4 J	31.4 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	1,130 J	281 J	505 J	NA
Isophorone	UG/KG	-	-	NA	360 U	360 U	410 U	NA
Naphthalene	UG/KG	NS	100000	NA	95.9 J	20.3 J	21.0 J	NA
Nitrobenzene	UG/KG	-	-	NA	360 U	360 U	410 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	360 U	360 U	410 UJ	NA
Phenanthrene	UG/KG	NS	100000	NA	3,050	563	379	NA
Phenol	UG/KG	30000	100000	NA	360 U	360 U	410 UJ	NA
Pyrene	UG/KG	NS	100000	NA	3,550	698	592	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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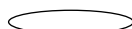
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-L	2900-FP-S-L	2900-FP-S-L	2900-FP-S-M	2900-FP-S-M
Sample ID				2900-FP-S-L-0-6	2900-FP-S-L-6-12	2900-FP-S-L-12-24	2900-FP-S-M-0-2	2900-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	47 U	47 U	53 U	NA
Aroclor 1254	UG/KG	-	-	NA	810	1,800 D	53 U	NA
Aroclor 1260	UG/KG	-	-	NA	1,700 D	4,020 D	728	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	2,510	5,820	728	NA
Metals								
Arsenic	MG/KG	13	16	NA	13.2	11.1	8.0	NA
Barium	MG/KG	433	350	NA	101	81.0	87.5	NA
Cadmium	MG/KG	4	2.5	NA	1.8	1.3	1.7	NA
Chromium	MG/KG	41	36	NA	158	150	31.4	NA
Lead	MG/KG	63	400	NA	150	110	66.8	NA
Mercury	MG/KG	0.18	0.81	NA	0.76 J-	0.63 J-	0.18	NA
Selenium	MG/KG	3.9	36	NA	1.1 U	1 U	1 U	NA
Silver	MG/KG	2	36	NA	4.5	3.4	1.5	NA

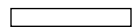
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-M	2900-FP-S-M	2900-SB-N	2900-SB-N	2900-SB-N
Sample ID				2900-FP-S-M-6-12	2900-FP-S-M-12-24	2900-SB-N-0-6	2900-SB-N-6-12	2900-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.6 U	1.9 U	3.2 U	2.8 U	2.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.6 U	1.9 U	3.2 U	2.8 U	2.9 U
1,1-Dichloroethene	UG/KG	NS	100000	1.3 U	0.96 U	0.42 J	0.26 J	1.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.0	0.96 U	7.0	11.7	1.7
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.3 U	0.96 U	1.6 U	0.61 J	1.4 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	6.4 U	4.8 U	R	R	R
Acetone	UG/KG	2200	100000	133	25.9 J	288 J	103 J	92.6 J
Benzene	UG/KG	70000	2900	0.64 U	0.31 J	0.81 U	0.7 U	0.72 U
Bromomethane	UG/KG	-	-	6.4 U	4.8 U	8.1 U	7 U	7.2 U
Carbon disulfide	UG/KG	-	-	2.6 U	1.9 U	0.48 J	0.52 J	3.3
Chloroform	UG/KG	12000	10000	2.6 U	1.9 U	3.2 U	2.8 U	2.9 U
Chloromethane	UG/KG	-	-	6.4 U	4.8 U	8.1 U	7 U	7.2 U
Ethylbenzene	UG/KG	NS	30000	1.3 U	0.96 U	0.50 J	1.4 U	1.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	18.6 J	4.4 J	22.4 J	R	15.6 J
Methylene chloride	UG/KG	12000	51000	6.4 U	4.8 U	8.1 U	7 U	7.2 U
Tetrachloroethene	UG/KG	2000	5500	2.6 U	1.9 U	3.2 U	0.53 J	2.9 U
Toluene	UG/KG	36000	100000	0.46 J	0.28 J	0.50 J	0.32 J	1.4 U
Trichloroethene	UG/KG	2000	10000	5.3	0.64 J	27.0	40.0	1.9
Vinyl chloride	UG/KG	NS	210	2.6 U	1.9 U	3.2 U	2.8 U	2.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-M	2900-FP-S-M	2900-SB-N	2900-SB-N	2900-SB-N
Sample ID				2900-FP-S-M-6-12	2900-FP-S-M-12-24	2900-SB-N-0-6	2900-SB-N-6-12	2900-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.36 J	0.96 U	2.6	0.49 J	1.4 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
1,2-Dichlorobenzene	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
1,3-Dichlorobenzene	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
1,4-Dichlorobenzene	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
2,4-Dimethylphenol	UG/KG	-	-	720 U	620 UJ	800 U	730 U	690 U
2-Methylnaphthalene	UG/KG	-	-	140 U	120 UJ	160 U	150 U	140 U
2-Nitroaniline	UG/KG	-	-	720 U	620 UJ	800 U	730 U	690 U
3&4-Methylphenol	UG/KG	NS	34000	720 U	620 UJ	800 UJ	730 U	690 U
4-Bromophenyl-phenylether	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
4-Chloroaniline	UG/KG	-	-	720 U	620 UJ	800 U	730 U	690 U
Acenaphthene	UG/KG	20000	100000	30.7 J	17.1 J	21.4 J	150 U	140 U
Acenaphthylene	UG/KG	NS	100000	140 U	22.6 J	160 U	150 U	140 U
Anthracene	UG/KG	NS	100000	63.7 J	43.0 J	44.2 J	150 U	140 U
Benzo(a)anthracene	UG/KG	NS	1000	209	164 J	245	150 U	140 U
Benzo(a)pyrene	UG/KG	2600	1000	265	240 J	384	150 U	140 U
Benzo(b)fluoranthene	UG/KG	NS	1000	167	167 J	397	150 U	140 U
Benzo(g,h,i)perylene	UG/KG	NS	100000	121 J	124 J	268 J	150 U	140 U
Benzo(k)fluoranthene	UG/KG	NS	1000	188	150 J	239	150 U	140 U

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-FP-S-M	2900-FP-S-M	2900-SB-N	2900-SB-N	2900-SB-N
Sample ID				2900-FP-S-M-6-12	2900-FP-S-M-12-24	2900-SB-N-0-6	2900-SB-N-6-12	2900-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	360 U	310 UJ	400 UJ	370 U	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	130 J	161 J	229 J	370 U	118 J
Butylbenzylphthalate	UG/KG	-	-	360 U	310 UJ	165 J	370 U	350 U
Carbazole	UG/KG	-	-	58.3 J	35.1 J	160 U	150 U	140 U
Chrysene	UG/KG	NS	1000	216	199 J	282	150 U	140 U
Dibenz(a,h)anthracene	UG/KG	NS	330	61.4 J	60.3 J	160 U	150 U	140 U
Dibenzofuran	UG/KG	NS	14000	18.3 J	16.2 J	160 U	150 U	140 U
Dimethylphthalate	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
Di-n-butylphthalate	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
Di-n-octylphthalate	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
Fluoranthene	UG/KG	NS	100000	484	359 J	592	150 U	25.0 J
Fluorene	UG/KG	30000	100000	31.3 J	120 UJ	160 U	150 U	140 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	169 J	177 J	495 J	150 UJ	140 UJ
Isophorone	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
Naphthalene	UG/KG	NS	100000	140 U	22.5 J	160 U	150 U	140 U
Nitrobenzene	UG/KG	-	-	360 U	310 UJ	400 U	370 U	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	360 U	310 UJ	400 UJ	370 U	350 U
Phenanthrene	UG/KG	NS	100000	332	203 J	255	150 U	19.6 J
Phenol	UG/KG	30000	100000	360 U	310 UJ	400 UJ	370 U	350 U
Pyrene	UG/KG	NS	100000	418	349 J	530	150 U	23.3 J

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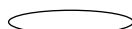
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SANDERS CREEK SITE

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Sample ID				2900-FP-S-M-6-12	2900-FP-S-M-12-24	2900-SB-N-0-6	2900-SB-N-6-12	2900-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	47 U	39 U	51 U	49 U	46 U
Aroclor 1254	UG/KG	-	-	47 U	39 U	461	223	125
Aroclor 1260	UG/KG	-	-	1,060 D	991 D	346	306	147
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,060	991	807	529	272
Metals								
Arsenic	MG/KG	13	16	7.5	7.3	4.8	5.9	3.8
Barium	MG/KG	433	350	82.4	75.3	62.9	71.5	66.2
Cadmium	MG/KG	4	2.5	1.6	1.5	1.6	0.83	0.49
Chromium	MG/KG	41	36	31.3	28.9	35.6	29.2	22.7
Lead	MG/KG	63	400	56.8	37.8	19.1	15.5	10.4
Mercury	MG/KG	0.18	0.81	0.15 J-	0.15 J-	0.10	0.062 J-	0.036 UJ
Selenium	MG/KG	3.9	36	1.1 U	0.93 U	0.95 J	0.36 J	1 U
Silver	MG/KG	2	36	2.0	2.0	0.30 J	0.32 J	0.24 J

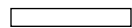
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-SB-S	2900-SB-S	2900-SB-S	2940-FP-N-H	2940-FP-N-H
Sample ID				2900-SB-S-0-6	2900-SB-S-6-12	2900-SB-S-12-24	2940-FP-N-H-0-2	2940-FP-N-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.3 U	2.8 U	2.9 U	NA	2.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.3 U	2.8 U	2.9 U	NA	2.8 U
1,1-Dichloroethene	UG/KG	NS	100000	1.2 U	1.4 U	1.5 U	NA	1.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.9	3.9	4.5	NA	3.0
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 U	1.4 U	1.5 U	NA	1.4 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	NA	R
Acetone	UG/KG	2200	100000	69.5 J	76.4 J	132 J	NA	238 J
Benzene	UG/KG	70000	2900	0.51 J	0.57 J	0.34 J	NA	0.37 J
Bromomethane	UG/KG	-	-	5.8 U	7.1 U	7.3 U	NA	7 U
Carbon disulfide	UG/KG	-	-	1.4 J	2.0 J	12.7	NA	2.8
Chloroform	UG/KG	12000	10000	2.3 U	2.8 U	2.9 U	NA	2.8 U
Chloromethane	UG/KG	-	-	5.8 U	7.1 U	7.3 U	NA	7 U
Ethylbenzene	UG/KG	NS	30000	1.2 U	1.4 U	1.5 U	NA	1.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	8.6 J	7.0 J	6.7 J	NA	19.2 J
Methylene chloride	UG/KG	12000	51000	0.45 J	7.1 U	7.3 U	NA	7 U
Tetrachloroethene	UG/KG	2000	5500	2.3 U	2.8 U	2.9 U	NA	2.8 U
Toluene	UG/KG	36000	100000	0.57 J	0.70 J	0.48 J	NA	0.66 J
Trichloroethene	UG/KG	2000	10000	6.3	8.9	13.4	NA	7.5
Vinyl chloride	UG/KG	NS	210	2.3 U	2.8 U	2.9 U	NA	2.8 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-SB-S	2900-SB-S	2900-SB-S	2940-FP-N-H	2940-FP-N-H
Sample ID				2900-SB-S-0-6	2900-SB-S-6-12	2900-SB-S-12-24	2940-FP-N-H-0-2	2940-FP-N-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.40 J	0.39 J	0.49 J	NA	0.47 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
2,4-Dimethylphenol	UG/KG	-	-	690 U	710 U	780 U	890 U	NA
2-Methylnaphthalene	UG/KG	-	-	292	168	74.9 J	180 U	NA
2-Nitroaniline	UG/KG	-	-	690 U	710 U	780 U	890 U	NA
3&4-Methylphenol	UG/KG	NS	34000	690 UJ	710 U	780 U	890 UJ	NA
4-Bromophenyl-phenylether	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
4-Chloroaniline	UG/KG	-	-	690 U	710 U	780 U	890 U	NA
Acenaphthene	UG/KG	20000	100000	753	480	327	40.8 J	NA
Acenaphthylene	UG/KG	NS	100000	56.5 J	52.3 J	68.1 J	19.4 J	NA
Anthracene	UG/KG	NS	100000	1,140	968	768	86.3 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	3,600	2,630	2,370	431	NA
Benzo(a)pyrene	UG/KG	2600	1000	3,050	2,240	2,070	607	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	3,130	2,180	1,910	681	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,380 J	1,390	1,250	504 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	2,640	2,180	2,030	391	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-SB-S	2900-SB-S	2900-SB-S	2940-FP-N-H	2940-FP-N-H
Sample ID				2900-SB-S-0-6	2900-SB-S-6-12	2900-SB-S-12-24	2940-FP-N-H-0-2	2940-FP-N-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 UJ	360 U	390 U	450 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	247 J	191 J	291 J	283 J	NA
Butylbenzylphthalate	UG/KG	-	-	107 J	224 J	390 U	450 U	NA
Carbazole	UG/KG	-	-	1,240	815	580	94.2 J	NA
Chrysene	UG/KG	NS	1000	3,750	2,640	2,420	547	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	140 U	382	379	180 U	NA
Dibenzofuran	UG/KG	NS	14000	742	376	229	24.8 J	NA
Dimethylphthalate	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
Di-n-butylphthalate	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
Di-n-octylphthalate	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
Fluoranthene	UG/KG	NS	100000	9,570	6,990	5,960	1,080	NA
Fluorene	UG/KG	30000	100000	867	448	318	180 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,540 J	1,540 J	1,420 J	715 J	NA
Isophorone	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
Naphthalene	UG/KG	NS	100000	937	357	135 J	23.8 J	NA
Nitrobenzene	UG/KG	-	-	340 U	360 U	390 U	450 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 UJ	360 U	390 U	450 UJ	NA
Phenanthrene	UG/KG	NS	100000	8,640	5,810	4,230	481	NA
Phenol	UG/KG	30000	100000	340 UJ	360 U	390 U	450 UJ	NA
Pyrene	UG/KG	NS	100000	8,090	5,500	4,920	951	NA

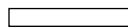
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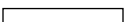
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2900-SB-S	2900-SB-S	2900-SB-S	2940-FP-N-H	2940-FP-N-H
Sample ID				2900-SB-S-0-6	2900-SB-S-6-12	2900-SB-S-12-24	2940-FP-N-H-0-2	2940-FP-N-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	47 U	52 U	58 U	NA
Aroclor 1254	UG/KG	-	-	280	423	1,360 D	65.4	NA
Aroclor 1260	UG/KG	-	-	813	1,310 D	2,250 D	199	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,093	1,733	3,610	264.4	NA
Metals								
Arsenic	MG/KG	13	16	4.8	4.5	4.4	4.2	NA
Barium	MG/KG	433	350	49.9	56.9	70.2	67.6	NA
Cadmium	MG/KG	4	2.5	0.62	0.69	1.3	1.5	NA
Chromium	MG/KG	41	36	32.4	39.9	65.7	21.3	NA
Lead	MG/KG	63	400	54.4	56.6	119	51.5	NA
Mercury	MG/KG	0.18	0.81	0.26	0.35 J-	0.51 J-	0.089	NA
Selenium	MG/KG	3.9	36	1 U	1.1 U	1.1 U	1 U	NA
Silver	MG/KG	2	36	1.2	1.8	6.8	0.065 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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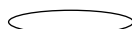
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-H	2940-FP-N-H	2940-FP-N-L	2940-FP-N-L	2940-FP-N-L
Sample ID				2940-FP-N-H-6-12	2940-FP-N-H-12-24	2940-FP-N-L-0-2	2940-FP-N-L-0-6	2940-FP-N-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.3 U	2 U	NA	2.5 U	2.7 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.3 U	2 U	NA	2.5 U	2.7 U
1,1-Dichloroethene	UG/KG	NS	100000	1.1 U	1 U	NA	1.2 U	1.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.3	0.82 J	NA	10.2	4.7
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.1 U	1 U	NA	1.2 U	1.4 U
2-Hexanone	UG/KG	-	-	R	R	NA	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	NA	6.1 U	6.9 U
Acetone	UG/KG	2200	100000	116 J	96.5 J	NA	120	77.4
Benzene	UG/KG	70000	2900	0.57 U	0.5 U	NA	0.61 U	0.69 U
Bromomethane	UG/KG	-	-	5.7 U	5 U	NA	6.1 U	6.9 U
Carbon disulfide	UG/KG	-	-	0.87 J	1.3 J	NA	1.5 J	2.7 U
Chloroform	UG/KG	12000	10000	2.3 U	2 U	NA	2.5 U	2.7 U
Chloromethane	UG/KG	-	-	5.7 U	5 U	NA	6.1 U	2.2 J
Ethylbenzene	UG/KG	NS	30000	1.1 U	1 U	NA	1.2 U	1.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	10.0 J	8.4 J	NA	17.1 J	11.5 J
Methylene chloride	UG/KG	12000	51000	0.39 J	0.45 J	NA	6.1 U	6.9 U
Tetrachloroethene	UG/KG	2000	5500	2.3 U	2 U	NA	0.61 J	0.65 J
Toluene	UG/KG	36000	100000	0.41 J	0.28 J	NA	0.32 J	0.26 J
Trichloroethene	UG/KG	2000	10000	2.9	1.0	NA	30.5	28.3
Vinyl chloride	UG/KG	NS	210	2.3 U	2 U	NA	1.5 J	0.58 J

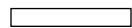
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-H	2940-FP-N-H	2940-FP-N-L	2940-FP-N-L	2940-FP-N-L
Sample ID				2940-FP-N-H-6-12	2940-FP-N-H-12-24	2940-FP-N-L-0-2	2940-FP-N-L-0-6	2940-FP-N-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.43 J	0.27 J	NA	0.44 J	0.50 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
2,4-Dimethylphenol	UG/KG	-	-	610 U	610 U	690 U	NA	670 U
2-Methylnaphthalene	UG/KG	-	-	120 U	120 U	74.0 J	NA	50.9 J
2-Nitroaniline	UG/KG	-	-	610 U	610 U	690 U	NA	670 U
3&4-Methylphenol	UG/KG	NS	34000	610 U	610 U	690 UJ	NA	670 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
4-Chloroaniline	UG/KG	-	-	610 U	610 U	690 U	NA	670 U
Acenaphthene	UG/KG	20000	100000	120 U	120 U	139 J	NA	153
Acenaphthylene	UG/KG	NS	100000	120 U	120 U	28.2 J	NA	33.7 J
Anthracene	UG/KG	NS	100000	120 U	120 U	318	NA	324
Benzo(a)anthracene	UG/KG	NS	1000	27.7 J	40.2 J	1,120	NA	909
Benzo(a)pyrene	UG/KG	2600	1000	107 J	139	1,000	NA	809
Benzo(b)fluoranthene	UG/KG	NS	1000	30.0 J	143	917	NA	673
Benzo(g,h,i)perylene	UG/KG	NS	100000	21.0 J	32.9 J	718 J	NA	446
Benzo(k)fluoranthene	UG/KG	NS	1000	24.0 J	31.1 J	860	NA	761

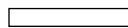
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-H	2940-FP-N-H	2940-FP-N-L	2940-FP-N-L	2940-FP-N-L
Sample ID				2940-FP-N-H-6-12	2940-FP-N-H-12-24	2940-FP-N-L-0-2	2940-FP-N-L-0-6	2940-FP-N-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	310 U	350 UJ	NA	340 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	310 U	151 J	545	NA	417
Butylbenzylphthalate	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
Carbazole	UG/KG	-	-	120 U	120 U	229	NA	206
Chrysene	UG/KG	NS	1000	29.7 J	39.5 J	1,040	NA	873
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	120 U	140 U	NA	169
Dibenzofuran	UG/KG	NS	14000	120 U	120 U	100 J	NA	79.8 J
Dimethylphthalate	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
Di-n-butylphthalate	UG/KG	-	-	310 U	310 U	37.1 J	NA	49.0 J
Di-n-octylphthalate	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
Fluoranthene	UG/KG	NS	100000	64.8 J	79.1 J	2,410	NA	2,080
Fluorene	UG/KG	30000	100000	120 U	120 U	140	NA	130
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	65.9 J	237	921 J	NA	545 J
Isophorone	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
Naphthalene	UG/KG	NS	100000	120 U	120 U	98.1 J	NA	62.1 J
Nitrobenzene	UG/KG	-	-	310 U	310 U	350 U	NA	340 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	310 U	350 UJ	NA	340 U
Phenanthrene	UG/KG	NS	100000	36.9 J	48.1 J	1,590	NA	1,560
Phenol	UG/KG	30000	100000	310 U	310 U	350 UJ	NA	340 U
Pyrene	UG/KG	NS	100000	58.2 J	72.7 J	2,080	NA	1,680

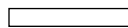
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-H	2940-FP-N-H	2940-FP-N-L	2940-FP-N-L	2940-FP-N-L
Sample ID				2940-FP-N-H-6-12	2940-FP-N-H-12-24	2940-FP-N-L-0-2	2940-FP-N-L-0-6	2940-FP-N-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	40 U	45 U	NA	43 U
Aroclor 1254	UG/KG	-	-	31.3 J	25.8 J	4,230 D	NA	3,540 D
Aroclor 1260	UG/KG	-	-	108	62.0	4,730 D	NA	6,480 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	139.3	87.8	8,960	NA	10,020
Metals								
Arsenic	MG/KG	13	16	5.4	5.6	11.7	NA	11.6
Barium	MG/KG	433	350	62.0	72.6	104	NA	74.0
Cadmium	MG/KG	4	2.5	0.32 J	0.26 J	2.6	NA	1.9
Chromium	MG/KG	41	36	16.6	15.7	128	NA	165
Lead	MG/KG	63	400	37.3	20.2	92.2	NA	87.7
Mercury	MG/KG	0.18	0.81	0.094 J-	0.070 J-	0.74	NA	0.83 J-
Selenium	MG/KG	3.9	36	0.93 U	1 U	1 U	NA	1 U
Silver	MG/KG	2	36	0.13 J	0.51 U	2.8	NA	2.7

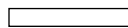
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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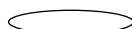
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-L	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M
Sample ID				2940-FP-N-L-12-24	2940-FP-N-M-0-2	2940-FP-N-M-0-6	2940-FP-N-M-6-12	2940-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.4 U	NA	3.1 U	2.5 U	2.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.4 U	NA	3.1 U	2.5 U	2.1 U
1,1-Dichloroethene	UG/KG	NS	100000	1.2 U	NA	1.5 U	1.3 U	1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	5.1	NA	2.4 J	5.6 J	1.3
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 U	NA	1.5 U	1.3 U	1 U
2-Hexanone	UG/KG	-	-	R	NA	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	NA	7.7 U	6.3 U	5.2 U
Acetone	UG/KG	2200	100000	98.0 J	NA	94.8 J	66.4 J	107
Benzene	UG/KG	70000	2900	0.6 U	NA	0.49 J	0.29 J	0.36 J
Bromomethane	UG/KG	-	-	6 U	NA	7.7 U	6.3 U	5.2 U
Carbon disulfide	UG/KG	-	-	0.91 J	NA	2.6 J	0.94 J	11.6 J
Chloroform	UG/KG	12000	10000	2.4 U	NA	3.1 U	2.5 U	2.1 U
Chloromethane	UG/KG	-	-	6 U	NA	7.7 U	6.3 U	5.2 U
Ethylbenzene	UG/KG	NS	30000	1.2 U	NA	1.5 U	1.3 U	1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	18.5 J	11.3 J	8.6 J
Methylene chloride	UG/KG	12000	51000	1.1 J	NA	7.7 U	6.3 U	5.2 U
Tetrachloroethene	UG/KG	2000	5500	0.69 J	NA	3.1 U	2.5 U	2.1 U
Toluene	UG/KG	36000	100000	1.2 U	NA	0.60 J	0.55 J	0.34 J
Trichloroethene	UG/KG	2000	10000	45.2	NA	5.3 J	18.4 J	3.1
Vinyl chloride	UG/KG	NS	210	2.4 U	NA	3.1 U	2.5 U	2.1 U

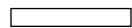
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-L	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M
Sample ID				2940-FP-N-L-12-24	2940-FP-N-M-0-2	2940-FP-N-M-0-6	2940-FP-N-M-6-12	2940-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.58 J	NA	0.41 J	0.75 J	1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	680 U	790 U	NA	670 U	630 U
2-Methylnaphthalene	UG/KG	-	-	54.6 J	38.0 J	NA	34.8 J	130 U
2-Nitroaniline	UG/KG	-	-	680 U	790 U	NA	670 U	630 U
3&4-Methylphenol	UG/KG	NS	34000	680 U	790 UJ	NA	670 U	630 U
4-Bromophenyl-phenylether	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
4-Chloroaniline	UG/KG	-	-	680 U	790 U	NA	670 U	630 U
Acenaphthene	UG/KG	20000	100000	54.7 J	209	NA	109 J	130 U
Acenaphthylene	UG/KG	NS	100000	38.4 J	41.8 J	NA	30.9 J	130 U
Anthracene	UG/KG	NS	100000	79.0 J	449	NA	241	17.0 J
Benzo(a)anthracene	UG/KG	NS	1000	250	2,150	NA	756	58.5 J
Benzo(a)pyrene	UG/KG	2600	1000	267	2,180	NA	763	137
Benzo(b)fluoranthene	UG/KG	NS	1000	266	2,260	NA	691	60.3 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	144	2,070 J	NA	463	40.7 J
Benzo(k)fluoranthene	UG/KG	NS	1000	242	1,880	NA	695	55.2 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-L	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M
Sample ID				2940-FP-N-L-12-24	2940-FP-N-M-0-2	2940-FP-N-M-0-6	2940-FP-N-M-6-12	2940-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 U	390 UJ	NA	330 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	1,120	282 J	NA	225 J	120 J
Butylbenzylphthalate	UG/KG	-	-	340 U	78.9 J	NA	330 U	320 U
Carbazole	UG/KG	-	-	62.1 J	431	NA	203	17.8 J
Chrysene	UG/KG	NS	1000	321	2,490	NA	817	68.3 J
Dibenz(a,h)anthracene	UG/KG	NS	330	79.7 J	160 U	NA	160	42.0 J
Dibenzofuran	UG/KG	NS	14000	53.7 J	128 J	NA	72.2 J	130 U
Dimethylphthalate	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
Di-n-butylphthalate	UG/KG	-	-	161 J	56.0 J	NA	17.1 J	320 U
Di-n-octylphthalate	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
Fluoranthene	UG/KG	NS	100000	746	5,090	NA	1,820	147
Fluorene	UG/KG	30000	100000	43.6 J	199	NA	94.8 J	130 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	202 J	2,070 J	NA	531 J	89.8 J
Isophorone	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
Naphthalene	UG/KG	NS	100000	110 J	62.6 J	NA	64.3 J	130 U
Nitrobenzene	UG/KG	-	-	340 U	390 U	NA	330 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 U	390 UJ	NA	330 U	320 U
Phenanthrene	UG/KG	NS	100000	573	2,780	NA	1,280	105 J
Phenol	UG/KG	30000	100000	1,330	390 UJ	NA	330 U	320 U
Pyrene	UG/KG	NS	100000	602	4,520	NA	1,560	125 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				2940-FP-N-L	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M	2940-FP-N-M
Sample ID				2940-FP-N-L-12-24	2940-FP-N-M-0-2	2940-FP-N-M-0-6	2940-FP-N-M-6-12	2940-FP-N-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	52 U	NA	45 U	42 U
Aroclor 1254	UG/KG	-	-	1,200 D	372	NA	491	71.5
Aroclor 1260	UG/KG	-	-	2,370 D	1,500 D	NA	1,240 D	150
Total Polychlorinated Biphenyls	UG/KG	1000	1000	3,570	1,872	NA	1,731	221.5
Metals								
Arsenic	MG/KG	13	16	21.8	4.3	NA	6.3	5.2
Barium	MG/KG	433	350	105	60.6	NA	70.0	59.5
Cadmium	MG/KG	4	2.5	2.1	0.89	NA	1.2	0.30 J
Chromium	MG/KG	41	36	340	24.6	NA	48.3	22.1
Lead	MG/KG	63	400	134	37.4	NA	105	19.9
Mercury	MG/KG	0.18	0.81	0.47 J-	0.16	NA	0.45 J-	0.060 J-
Selenium	MG/KG	3.9	36	1 U	1 U	NA	1 U	0.95 U
Silver	MG/KG	2	36	3.6	0.34 J	NA	1.8	0.22 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3000-FP-N	3000-FP-N	3000-FP-N	3000-FP-N	3200-C
Sample ID				3000-FP-N-0-2	3000-FP-N-0-6	3000-FP-N-6-12	3000-FP-N-12-24	3200-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.8 U	3.1 U	2.3 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.8 U	3.1 U	2.3 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	1.4 U	1.6 U	1.2 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	5.2	7.5	10.3	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	1.4 U	1.6 U	1.2 U	NA
2-Hexanone	UG/KG	-	-	NA	R	R	R	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	R	R	R	NA
Acetone	UG/KG	2200	100000	NA	104 J	81.4 J	72.6 J	NA
Benzene	UG/KG	70000	2900	NA	0.56 J	0.59 J	0.58 U	NA
Bromomethane	UG/KG	-	-	NA	7.1 U	7.8 U	5.8 U	NA
Carbon disulfide	UG/KG	-	-	NA	3.3	2.6 J	1.8 J	NA
Chloroform	UG/KG	12000	10000	NA	2.8 U	3.1 U	2.3 U	NA
Chloromethane	UG/KG	-	-	NA	7.1 U	7.8 U	5.8 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	1.4 U	1.6 U	1.2 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	18.8 J	16.5 J	11.1 J	NA
Methylene chloride	UG/KG	12000	51000	NA	7.1 U	7.8 U	5.8 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.8 U	3.1 U	0.43 J	NA
Toluene	UG/KG	36000	100000	NA	0.80 J	0.84 J	0.65 J	NA
Trichloroethene	UG/KG	2000	10000	NA	13.1	19.7	24.2	NA
Vinyl chloride	UG/KG	NS	210	NA	2.8 U	3.1 U	2.3 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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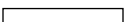
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3000-FP-N	3000-FP-N	3000-FP-N	3000-FP-N	3200-C
Sample ID				3000-FP-N-0-2	3000-FP-N-0-6	3000-FP-N-6-12	3000-FP-N-12-24	3200-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	0.70 J	0.81 J	0.67 J	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	NA	340 U	310 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	320 U	NA	340 U	310 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	320 U	NA	340 U	310 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	320 U	NA	340 U	310 U	NA
2,4-Dimethylphenol	UG/KG	-	-	630 U	NA	680 U	620 U	NA
2-Methylnaphthalene	UG/KG	-	-	88.9 J	NA	140 U	140	NA
2-Nitroaniline	UG/KG	-	-	630 U	NA	680 U	620 U	NA
3&4-Methylphenol	UG/KG	NS	34000	630 UJ	NA	680 U	620 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	NA	340 U	310 U	NA
4-Chloroaniline	UG/KG	-	-	630 U	NA	680 U	620 U	NA
Acenaphthene	UG/KG	20000	100000	325	NA	494	494	NA
Acenaphthylene	UG/KG	NS	100000	41.8 J	NA	88.6 J	103 J	NA
Anthracene	UG/KG	NS	100000	578	NA	1,100	1,100	NA
Benzo(a)anthracene	UG/KG	NS	1000	2,570	NA	3,570	3,390	NA
Benzo(a)pyrene	UG/KG	2600	1000	2,420	NA	3,250	3,040	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	2,610	NA	3,410	2,940	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,250 J	NA	2,240	2,020	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	2,230	NA	2,650	2,370	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3000-FP-N	3000-FP-N	3000-FP-N	3000-FP-N	3200-C
Sample ID				3000-FP-N-0-2	3000-FP-N-0-6	3000-FP-N-6-12	3000-FP-N-12-24	3200-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 UJ	NA	340 U	310 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	307 J	NA	472	356	NA
Butylbenzylphthalate	UG/KG	-	-	320 U	NA	161 J	310 U	NA
Carbazole	UG/KG	-	-	578	NA	861	751	NA
Chrysene	UG/KG	NS	1000	2,810	NA	3,620	3,320	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	727	NA	615	807	NA
Dibenzofuran	UG/KG	NS	14000	210	NA	355	328	NA
Dimethylphthalate	UG/KG	-	-	320 U	NA	340 U	310 U	NA
Di-n-butylphthalate	UG/KG	-	-	23.0 J	NA	44.1 J	54.0 J	NA
Di-n-octylphthalate	UG/KG	-	-	320 U	NA	340 U	310 U	NA
Fluoranthene	UG/KG	NS	100000	6,330	NA	7,810	7,190	NA
Fluorene	UG/KG	30000	100000	303	NA	493	480	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,210 J	NA	2,180	2,010	NA
Isophorone	UG/KG	-	-	320 U	NA	340 U	310 U	NA
Naphthalene	UG/KG	NS	100000	192	NA	337	273	NA
Nitrobenzene	UG/KG	-	-	320 U	NA	340 U	310 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 UJ	NA	340 U	310 U	NA
Phenanthrene	UG/KG	NS	100000	3,660	NA	5,900	5,230	NA
Phenol	UG/KG	30000	100000	320 UJ	NA	340 U	310 U	NA
Pyrene	UG/KG	NS	100000	5,040	NA	6,650	6,210	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3000-FP-N	3000-FP-N	3000-FP-N	3000-FP-N	3200-C
Sample ID				3000-FP-N-0-2	3000-FP-N-0-6	3000-FP-N-6-12	3000-FP-N-12-24	3200-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	NA	43 U	42 U	41 U
Aroclor 1254	UG/KG	-	-	521	NA	1,960 D	2,680 D	41 U
Aroclor 1260	UG/KG	-	-	1,710 D	NA	4,210 D	3,730 D	41 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	2,231	NA	6,170	6,410	41 U
Metals								
Arsenic	MG/KG	13	16	4.8	NA	6.8	8.8	NA
Barium	MG/KG	433	350	53.7	NA	74.8	70.8	NA
Cadmium	MG/KG	4	2.5	0.76	NA	1.8	2.0	NA
Chromium	MG/KG	41	36	29.4	NA	64.7	86.5	NA
Lead	MG/KG	63	400	38.7	NA	91.3	108	NA
Mercury	MG/KG	0.18	0.81	0.23	NA	0.38 J-	0.52 J-	NA
Selenium	MG/KG	3.9	36	1 U	NA	1 U	1 U	NA
Silver	MG/KG	2	36	0.51	NA	2.7	2.9	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-L
Sample ID				3200-FP-S-H-0-2	3200-FP-S-H-0-6	3200-FP-S-H-6-12	3200-FP-S-H-12-24	3200-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2 U	1.9 U	2.2 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2 U	1.9 U	2.2 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	1 U	0.97 U	1.1 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	1 U	0.97 U	1.1 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	1 U	0.97 U	1.1 U	NA
2-Hexanone	UG/KG	-	-	NA	R	R	R	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	R	R	R	NA
Acetone	UG/KG	2200	100000	NA	37.8 J	40.1 J	112 J	NA
Benzene	UG/KG	70000	2900	NA	0.27 J	0.26 J	0.32 J	NA
Bromomethane	UG/KG	-	-	NA	5.1 U	4.9 U	5.5 U	NA
Carbon disulfide	UG/KG	-	-	NA	0.35 J	0.53 J	0.69 J	NA
Chloroform	UG/KG	12000	10000	NA	2 U	1.9 U	2.2 U	NA
Chloromethane	UG/KG	-	-	NA	5.1 U	4.9 U	5.5 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	1 U	0.97 U	1.1 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	3.5 J	5.4 J	R	NA
Methylene chloride	UG/KG	12000	51000	NA	5.1 U	4.9 U	5.5 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2 U	1.9 U	2.2 U	NA
Toluene	UG/KG	36000	100000	NA	0.20 J	0.20 J	0.21 J	NA
Trichloroethene	UG/KG	2000	10000	NA	1 U	0.97 U	0.76 J	NA
Vinyl chloride	UG/KG	NS	210	NA	2 U	1.9 U	2.2 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

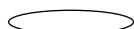
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-L
Sample ID				3200-FP-S-H-0-2	3200-FP-S-H-0-6	3200-FP-S-H-6-12	3200-FP-S-H-12-24	3200-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	1 U	0.97 U	1.1 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
1,2-Dichlorobenzene	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
1,3-Dichlorobenzene	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
1,4-Dichlorobenzene	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
2,4-Dimethylphenol	UG/KG	-	-	650 U	NA	610 U	670 U	720 U
2-Methylnaphthalene	UG/KG	-	-	130 U	NA	120 U	130 U	48.9 J
2-Nitroaniline	UG/KG	-	-	650 U	NA	610 U	670 U	720 U
3&4-Methylphenol	UG/KG	NS	34000	650 UJ	NA	610 U	670 U	720 UJ
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
4-Chloroaniline	UG/KG	-	-	650 U	NA	610 U	670 U	720 U
Acenaphthene	UG/KG	20000	100000	130 U	NA	120 U	34.1 J	210
Acenaphthylene	UG/KG	NS	100000	130 U	NA	120 U	130 U	29.6 J
Anthracene	UG/KG	NS	100000	84.7 J	NA	16.2 J	48.3 J	423
Benzo(a)anthracene	UG/KG	NS	1000	461	NA	91.7 J	114 J	2,150
Benzo(a)pyrene	UG/KG	2600	1000	493	NA	141	174	2,180
Benzo(b)fluoranthene	UG/KG	NS	1000	527	NA	123	143	2,390
Benzo(g,h,i)perylene	UG/KG	NS	100000	374 J	NA	63.7 J	69.7 J	2,200 J
Benzo(k)fluoranthene	UG/KG	NS	1000	356	NA	126	140	1,980

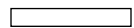
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-L
Sample ID				3200-FP-S-H-0-2	3200-FP-S-H-0-6	3200-FP-S-H-6-12	3200-FP-S-H-12-24	3200-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 UJ	NA	300 U	330 U	360 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	330 U	NA	84.1 J	330 U	261 J
Butylbenzylphthalate	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
Carbazole	UG/KG	-	-	101 J	NA	14.0 J	25.8 J	454
Chrysene	UG/KG	NS	1000	471	NA	100 J	119 J	2,580
Dibenz(a,h)anthracene	UG/KG	NS	330	222	NA	120 U	130 U	291
Dibenzofuran	UG/KG	NS	14000	130 U	NA	120 U	130 U	122 J
Dimethylphthalate	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
Di-n-butylphthalate	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
Di-n-octylphthalate	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
Fluoranthene	UG/KG	NS	100000	1,250	NA	173	282	5,300
Fluorene	UG/KG	30000	100000	130 U	NA	120 U	23.3 J	209
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	533 J	NA	145	168	2,090 J
Isophorone	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
Naphthalene	UG/KG	NS	100000	130 U	NA	120 U	130 U	93.4 J
Nitrobenzene	UG/KG	-	-	330 U	NA	300 U	330 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 UJ	NA	300 U	330 U	360 UJ
Phenanthrene	UG/KG	NS	100000	395	NA	81.6 J	224	2,670
Phenol	UG/KG	30000	100000	330 UJ	NA	300 U	330 U	360 UJ
Pyrene	UG/KG	NS	100000	953	NA	165	241	4,620

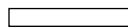
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-H	3200-FP-S-L
Sample ID				3200-FP-S-H-0-2	3200-FP-S-H-0-6	3200-FP-S-H-6-12	3200-FP-S-H-12-24	3200-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	NA	41 U	43 U	49 U
Aroclor 1254	UG/KG	-	-	43 U	NA	41 U	43 U	441
Aroclor 1260	UG/KG	-	-	27.1 J	NA	66.0	112	1,070 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	27.1	NA	66.0	112	1,511
Metals								
Arsenic	MG/KG	13	16	4.2	NA	5.4	6.0	5.2
Barium	MG/KG	433	350	57.8	NA	64.4	68.6	65.6
Cadmium	MG/KG	4	2.5	0.19 J	NA	0.24 J	0.27 J	0.78
Chromium	MG/KG	41	36	12.4	NA	15.1	16.2	26.7
Lead	MG/KG	63	400	20.0	NA	29.8	26.4	35.1
Mercury	MG/KG	0.18	0.81	0.031 J	NA	0.036 J-	0.047 J-	0.13
Selenium	MG/KG	3.9	36	1 U	NA	0.98 U	1 U	1 U
Silver	MG/KG	2	36	0.063 U	NA	0.17 J	0.17 J	0.27 J

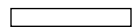
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-L	3200-FP-S-L	3200-FP-S-L	3200-FP-S-M	3200-FP-S-M
Sample ID				3200-FP-S-L-0-6	3200-FP-S-L-6-12	3200-FP-S-L-12-24	3200-FP-S-M-0-2	3200-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.7 U	2 U	2 U	NA	4 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.7 U	2 U	2 U	NA	4 U
1,1-Dichloroethene	UG/KG	NS	100000	1.3 U	1 U	0.98 U	NA	2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.4	0.80 J	0.47 J	NA	3.0
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.3 U	1 U	0.98 U	NA	2 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	NA	R
Acetone	UG/KG	2200	100000	136	28.7	15.5	NA	108
Benzene	UG/KG	70000	2900	0.72	0.51 U	0.27 J	NA	0.42 J
Bromomethane	UG/KG	-	-	6.7 U	5.1 U	4.9 U	NA	10 U
Carbon disulfide	UG/KG	-	-	4.9	1.4 J	0.59 J	NA	4 U
Chloroform	UG/KG	12000	10000	2.7 U	2 U	2 U	NA	4 U
Chloromethane	UG/KG	-	-	6.7 U	5.1 U	4.9 U	NA	10 U
Ethylbenzene	UG/KG	NS	30000	1.3 U	1 U	0.98 U	NA	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	20.4 J	R	R	NA	R
Methylene chloride	UG/KG	12000	51000	6.7 U	5.1 U	4.9 U	NA	10 U
Tetrachloroethene	UG/KG	2000	5500	2.7 U	2 U	2 U	NA	4 U
Toluene	UG/KG	36000	100000	0.79 J	1 U	0.28 J	NA	0.62 J
Trichloroethene	UG/KG	2000	10000	5.2	2.3	1.3	NA	9.9
Vinyl chloride	UG/KG	NS	210	2.7 U	2 U	2 U	NA	4 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-L	3200-FP-S-L	3200-FP-S-L	3200-FP-S-M	3200-FP-S-M
Sample ID				3200-FP-S-L-0-6	3200-FP-S-L-6-12	3200-FP-S-L-12-24	3200-FP-S-M-0-2	3200-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.44 J	1 U	0.98 U	NA	0.65 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	300 U	300 U	420 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	300 U	300 U	420 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	300 U	300 U	420 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	300 U	300 U	420 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	600 U	590 U	850 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	31.3 J	108 J	170 U	NA
2-Nitroaniline	UG/KG	-	-	NA	600 U	590 U	850 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	600 U	590 U	850 UJ	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	300 U	300 U	420 U	NA
4-Chloroaniline	UG/KG	-	-	NA	600 U	590 U	850 U	NA
Acenaphthene	UG/KG	20000	100000	NA	142	386	22.4 J	NA
Acenaphthylene	UG/KG	NS	100000	NA	28.6 J	49.9 J	170 U	NA
Anthracene	UG/KG	NS	100000	NA	383	784	48.3 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	1,290	2,280	260	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	1,230	2,060	391	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	1,150	1,830	398	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	844	1,320	237 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	1,040	1,700	239	NA

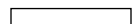
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-L	3200-FP-S-L	3200-FP-S-L	3200-FP-S-M	3200-FP-S-M
Sample ID				3200-FP-S-L-0-6	3200-FP-S-L-6-12	3200-FP-S-L-12-24	3200-FP-S-M-0-2	3200-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	300 U	300 U	420 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	225 J	398	420 U	NA
Butylbenzylphthalate	UG/KG	-	-	NA	48.6 J	94.7 J	420 U	NA
Carbazole	UG/KG	-	-	NA	245	551	56.2 J	NA
Chrysene	UG/KG	NS	1000	NA	1,320	2,290	282	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	248	389	170 U	NA
Dibenzofuran	UG/KG	NS	14000	NA	84.1 J	243	170 U	NA
Dimethylphthalate	UG/KG	-	-	NA	300 U	300 U	420 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	300 U	44.8 J	420 U	NA
Di-n-octylphthalate	UG/KG	-	-	NA	300 U	300 U	420 U	NA
Fluoranthene	UG/KG	NS	100000	NA	2,770	5,150	562	NA
Fluorene	UG/KG	30000	100000	NA	150	375	170 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	907	1,420	494 J	NA
Isophorone	UG/KG	-	-	NA	300 U	300 U	420 U	NA
Naphthalene	UG/KG	NS	100000	NA	40.9 J	224	170 U	NA
Nitrobenzene	UG/KG	-	-	NA	300 U	300 U	420 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	300 U	300 U	420 UJ	NA
Phenanthrene	UG/KG	NS	100000	NA	1,810	3,850	275	NA
Phenol	UG/KG	30000	100000	NA	300 U	300 U	420 UJ	NA
Pyrene	UG/KG	NS	100000	NA	2,470	4,380	507	NA

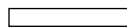
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-L	3200-FP-S-L	3200-FP-S-L	3200-FP-S-M	3200-FP-S-M
Sample ID				3200-FP-S-L-0-6	3200-FP-S-L-6-12	3200-FP-S-L-12-24	3200-FP-S-M-0-2	3200-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	41 U	40 U	55 U	NA
Aroclor 1254	UG/KG	-	-	NA	185	1,420 D	162	NA
Aroclor 1260	UG/KG	-	-	NA	475	2,640 D	686	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	660	4,060	848	NA
Metals								
Arsenic	MG/KG	13	16	NA	7.7	7.6	5.6	NA
Barium	MG/KG	433	350	NA	133	101	78.3	NA
Cadmium	MG/KG	4	2.5	NA	0.68	0.89	0.96	NA
Chromium	MG/KG	41	36	NA	37.6	44.0	37.8	NA
Lead	MG/KG	63	400	NA	35.3	51.6	53.2	NA
Mercury	MG/KG	0.18	0.81	NA	0.27 J-	0.34 J-	0.15	NA
Selenium	MG/KG	3.9	36	NA	0.99 U	1 U	1 U	NA
Silver	MG/KG	2	36	NA	0.63	1.5	0.37 J	NA

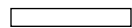
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-M	3200-FP-S-M	3200-SB-N	3200-SB-N	3200-SB-N
Sample ID				3200-FP-S-M-6-12	3200-FP-S-M-12-24	3200-SB-N-0-6	3200-SB-N-6-12	3200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.7 U	2.5 U	2.4 U	2.2 U	2.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.7 U	2.5 U	2.4 U	2.2 U	2.2 U
1,1-Dichloroethene	UG/KG	NS	100000	1.8 U	1.2 U	1.2 U	1.1 U	1.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.9	4.5	1.8	1.9	1.1 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.8 U	1.2 U	1.2 U	1.1 U	1.1 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	6 U	5.6 U	R
Acetone	UG/KG	2200	100000	107	45.1 J	29.7	22.0	48.1 J
Benzene	UG/KG	70000	2900	0.37 J	0.62 U	0.30 J	0.32 J	0.31 J
Bromomethane	UG/KG	-	-	9.2 U	6.2 U	6 U	5.6 U	5.4 U
Carbon disulfide	UG/KG	-	-	3.7 U	2.5 U	0.56 J	0.40 J	0.69 J
Chloroform	UG/KG	12000	10000	3.7 U	2.5 U	2.4 U	2.2 U	2.2 U
Chloromethane	UG/KG	-	-	9.2 U	6.2 U	6 U	5.6 U	5.4 U
Ethylbenzene	UG/KG	NS	30000	1.8 U	1.2 U	1.2 U	1.1 U	1.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	8.6 J	3.5 J	R	R	6.8 J
Methylene chloride	UG/KG	12000	51000	9.2 U	6.2 U	0.67 J	5.6 U	5.4 U
Tetrachloroethene	UG/KG	2000	5500	3.7 U	2.5 U	2.4 U	2.2 U	2.2 U
Toluene	UG/KG	36000	100000	0.69 J	0.27 J	0.42 J	0.36 J	0.27 J
Trichloroethene	UG/KG	2000	10000	16.9	11.4	5.2	3.1	1.1 U
Vinyl chloride	UG/KG	NS	210	3.7 U	2.5 U	2.4 U	2.2 U	2.2 U

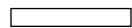
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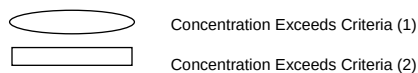
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-M	3200-FP-S-M	3200-SB-N	3200-SB-N	3200-SB-N
Sample ID				3200-FP-S-M-6-12	3200-FP-S-M-12-24	3200-SB-N-0-6	3200-SB-N-6-12	3200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.0 J	0.33 J	1.2 U	1.1 U	1.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	750 U	630 U	630 U	610 U	640 U
2-Methylnaphthalene	UG/KG	-	-	150 U	15.7 J	32.0 J	120 U	130 U
2-Nitroaniline	UG/KG	-	-	750 U	630 U	630 U	610 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	750 U	630 U	630 UJ	610 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
4-Chloroaniline	UG/KG	-	-	750 U	630 U	630 U	610 U	640 U
Acenaphthene	UG/KG	20000	100000	56.6 J	65.5 J	77.3 J	28.6 J	31.6 J
Acenaphthylene	UG/KG	NS	100000	15.9 J	24.6 J	130 U	120 U	130 U
Anthracene	UG/KG	NS	100000	124 J	155	143	55.8 J	61.6 J
Benzo(a)anthracene	UG/KG	NS	1000	354	461	447	190	183
Benzo(a)pyrene	UG/KG	2600	1000	392	464	487	235	221
Benzo(b)fluoranthene	UG/KG	NS	1000	331	402	503	215	203
Benzo(g,h,i)perylene	UG/KG	NS	100000	220	263	331 J	138	104 J
Benzo(k)fluoranthene	UG/KG	NS	1000	324	395	381	213	187

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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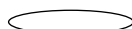
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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-M	3200-FP-S-M	3200-SB-N	3200-SB-N	3200-SB-N
Sample ID				3200-FP-S-M-6-12	3200-FP-S-M-12-24	3200-SB-N-0-6	3200-SB-N-6-12	3200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	380 U	320 U	310 UJ	310 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	131 J	251 J	310 U	119 J	98.9 J
Butylbenzylphthalate	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
Carbazole	UG/KG	-	-	68.5 J	77.8 J	148	41.6 J	47.7 J
Chrysene	UG/KG	NS	1000	349	434	476	203	174
Dibenz(a,h)anthracene	UG/KG	NS	330	121 J	124 J	218	86.8 J	81.7 J
Dibenzofuran	UG/KG	NS	14000	34.9 J	35.5 J	58.5 J	12.7 J	23.6 J
Dimethylphthalate	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
Di-n-butylphthalate	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
Di-n-octylphthalate	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
Fluoranthene	UG/KG	NS	100000	699	920	1,200	415	415
Fluorene	UG/KG	30000	100000	54.9 J	71.2 J	77.1 J	24.6 J	26.4 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	313	345	494 J	219	201
Isophorone	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
Naphthalene	UG/KG	NS	100000	34.0 J	21.8 J	81.3 J	120 U	21.5 J
Nitrobenzene	UG/KG	-	-	380 U	320 U	310 U	310 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	380 U	320 U	310 UJ	310 U	320 U
Phenanthrene	UG/KG	NS	100000	476	655	810	262	328
Phenol	UG/KG	30000	100000	380 U	320 U	310 UJ	310 U	320 U
Pyrene	UG/KG	NS	100000	616	818	888	375	335

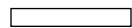
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-FP-S-M	3200-FP-S-M	3200-SB-N	3200-SB-N	3200-SB-N
Sample ID				3200-FP-S-M-6-12	3200-FP-S-M-12-24	3200-SB-N-0-6	3200-SB-N-6-12	3200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	48 U	42 U	42 U	41 U	41 U
Aroclor 1254	UG/KG	-	-	586	978 D	321	195	49.7
Aroclor 1260	UG/KG	-	-	1,900 D	3,710 D	480	395	84.3
Total Polychlorinated Biphenyls	UG/KG	1000	1000	2,486	4,688	801	590	134
Metals								
Arsenic	MG/KG	13	16	5.8	6.8	4.4	5.1	5.9
Barium	MG/KG	433	350	78.1	67.5	80.0	87.9	93.1
Cadmium	MG/KG	4	2.5	1.1	1.5	0.76	0.38 U	0.38 U
Chromium	MG/KG	41	36	56.9	78.2	42.0	22.3	20.1
Lead	MG/KG	63	400	69.0	67.4	39.2	14.4	16.7
Mercury	MG/KG	0.18	0.81	0.18 J-	0.23 J-	0.21	0.060 J-	0.087 J-
Selenium	MG/KG	3.9	36	1.1 U	0.89 U	1 U	0.96 U	0.95 U
Silver	MG/KG	2	36	1.0	1.3	0.54	0.096 J	0.11 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-SB-S	3200-SB-S	3200-SB-S	3420-FP-N	3420-FP-N
Sample ID				3200-SB-S-0-6	3200-SB-S-6-12	3200-SB-S-12-24	3420-FP-N-0-2	3420-FP-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.1 U	1.9 U	2 U	NA	2.5 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.1 U	1.9 U	2 U	NA	2.5 U
1,1-Dichloroethene	UG/KG	NS	100000	1 U	0.97 U	0.98 U	NA	1.2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1 U	0.97 U	0.98 U	NA	0.64 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1 U	0.97 U	0.98 U	NA	1.2 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	6.2 U
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	NA	6.2 U
Acetone	UG/KG	2200	100000	R	24.1 J	R	NA	267 J
Benzene	UG/KG	70000	2900	0.67	0.57	0.54 J	NA	0.62 U
Bromomethane	UG/KG	-	-	5.1 U	4.8 U	4.9 U	NA	6.2 U
Carbon disulfide	UG/KG	-	-	0.45 J	1.9	0.56 J	NA	0.84 J
Chloroform	UG/KG	12000	10000	2.1 U	1.9 U	2 U	NA	2.5 U
Chloromethane	UG/KG	-	-	5.1 U	4.8 U	4.9 U	NA	6.2 U
Ethylbenzene	UG/KG	NS	30000	1 U	0.97 U	0.98 U	NA	1.2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	R	NA	R
Methylene chloride	UG/KG	12000	51000	0.45 J	0.37 J	4.9 U	NA	6.2 U
Tetrachloroethene	UG/KG	2000	5500	2.1 U	1.9 U	2 U	NA	2.5 U
Toluene	UG/KG	36000	100000	0.52 J	0.62 J	0.49 J	NA	0.54 J
Trichloroethene	UG/KG	2000	10000	1 U	0.91 J	0.33 J	NA	1.8 J
Vinyl chloride	UG/KG	NS	210	2.1 U	1.9 U	2 U	NA	2.5 U

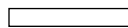
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-SB-S	3200-SB-S	3200-SB-S	3420-FP-N	3420-FP-N
Sample ID				3200-SB-S-0-6	3200-SB-S-6-12	3200-SB-S-12-24	3420-FP-N-0-2	3420-FP-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1 U	0.97 U	0.98 U	NA	1.2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
2,4-Dimethylphenol	UG/KG	-	-	630 U	590 U	600 U	730 U	NA
2-Methylnaphthalene	UG/KG	-	-	130 U	120 U	120 U	150 U	NA
2-Nitroaniline	UG/KG	-	-	630 U	590 U	600 U	730 U	NA
3&4-Methylphenol	UG/KG	NS	34000	630 UJ	590 U	600 U	730 UJ	NA
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
4-Chloroaniline	UG/KG	-	-	630 U	590 U	600 U	730 U	NA
Acenaphthene	UG/KG	20000	100000	35.8 J	46.4 J	120 U	150 U	NA
Acenaphthylene	UG/KG	NS	100000	130 U	13.9 J	120 U	150 U	NA
Anthracene	UG/KG	NS	100000	64.0 J	130	120 U	16.7 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	256	356	120 U	91.3 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	316	371	120 U	222	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	345	342	120 U	250	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	179 J	213	120 U	110 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	217	317	120 U	86.1 J	NA

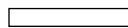
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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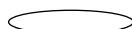
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-SB-S	3200-SB-S	3200-SB-S	3420-FP-N	3420-FP-N
Sample ID				3200-SB-S-0-6	3200-SB-S-6-12	3200-SB-S-12-24	3420-FP-N-0-2	3420-FP-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 UJ	290 U	300 U	370 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	310 U	174 J	300 U	370 U	NA
Butylbenzylphthalate	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
Carbazole	UG/KG	-	-	66.0 J	73.4 J	120 U	21.4 J	NA
Chrysene	UG/KG	NS	1000	267	362	120 U	126 J	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	130 U	110 J	120 U	150 U	NA
Dibenzofuran	UG/KG	NS	14000	25.9 J	32.4 J	120 U	150 U	NA
Dimethylphthalate	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
Di-n-butylphthalate	UG/KG	-	-	310 U	14.4 J	300 U	370 U	NA
Di-n-octylphthalate	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
Fluoranthene	UG/KG	NS	100000	686	801	120 U	237	NA
Fluorene	UG/KG	30000	100000	36.2 J	54.8 J	120 U	150 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	367 J	296	120 U	343 J	NA
Isophorone	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
Naphthalene	UG/KG	NS	100000	130 U	20.5 J	120 U	150 U	NA
Nitrobenzene	UG/KG	-	-	310 U	290 U	300 U	370 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 UJ	290 U	300 U	370 UJ	NA
Phenanthrene	UG/KG	NS	100000	429	574	120 U	92.0 J	NA
Phenol	UG/KG	30000	100000	310 UJ	290 U	300 U	370 UJ	NA
Pyrene	UG/KG	NS	100000	494	681	120 U	185	NA

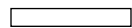
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3200-SB-S	3200-SB-S	3200-SB-S	3420-FP-N	3420-FP-N
Sample ID				3200-SB-S-0-6	3200-SB-S-6-12	3200-SB-S-12-24	3420-FP-N-0-2	3420-FP-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	38 U	39 U	49 U	NA
Aroclor 1254	UG/KG	-	-	108	25.9 J	39 U	27.1 J	NA
Aroclor 1260	UG/KG	-	-	276	52.2	39 U	87.0	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	384	78.1	39 U	114.1	NA
Metals								
Arsenic	MG/KG	13	16	4.4	9.0	5.0	5.9	NA
Barium	MG/KG	433	350	93.5	102	92.2	66.0	NA
Cadmium	MG/KG	4	2.5	0.11 J	0.099 J	0.040 J	0.87	NA
Chromium	MG/KG	41	36	15.8	16.5	18.5	15.5	NA
Lead	MG/KG	63	400	9.9	11.2	8.7	34.0	NA
Mercury	MG/KG	0.18	0.81	0.073	0.023 J-	0.023 J-	0.073	NA
Selenium	MG/KG	3.9	36	0.27 U	0.99 U	1 U	0.28 U	NA
Silver	MG/KG	2	36	0.11 U	0.5 U	0.5 U	0.057 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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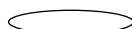
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3420-FP-N	3420-FP-N	3420-FP-N	3460-SB-N	3460-SB-N
Sample ID				3420-FP-N-6-12	3420-FP-N-6-12	3420-FP-N-12-24	3460-SB-N-0-6	3460-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.2 U	NA	1.8 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.2 U	NA	1.8 U	2 U	2 U
1,1-Dichloroethene	UG/KG	NS	100000	1.1 U	NA	0.91 U	2 U	2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	0.66 J	NA	0.91 U	2 U	2 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.1 U	NA	0.91 U	2 U	2 U
2-Hexanone	UG/KG	-	-	5.4 U	NA	R	11 UJ	11 UJ
4-Methyl-2-pentanone	UG/KG	-	-	5.4 U	NA	R	5 U	5 U
Acetone	UG/KG	2200	100000	300 J	NA	126 J	45.4 J	65.6 J
Benzene	UG/KG	70000	2900	0.54 U	NA	0.46 U	0.40 U	0.40 U
Bromomethane	UG/KG	-	-	5.4 U	NA	4.6 U	2 U	2 U
Carbon disulfide	UG/KG	-	-	0.80 J	NA	1.8 U	5 U	0.55 J
Chloroform	UG/KG	12000	10000	2.2 U	NA	1.8 U	2 U	2 U
Chloromethane	UG/KG	-	-	5.4 U	NA	4.6 U	5 U	5 U
Ethylbenzene	UG/KG	NS	30000	1.1 U	NA	0.91 U	2 U	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	12.5 J	NA	R	R	R
Methylene chloride	UG/KG	12000	51000	5.4 U	NA	0.38 J	2 U	2 U
Tetrachloroethene	UG/KG	2000	5500	2.2 U	NA	1.8 U	2 U	2 U
Toluene	UG/KG	36000	100000	0.41 J	NA	0.91 U	5 U	5 U
Trichloroethene	UG/KG	2000	10000	1.8	NA	0.91 U	0.57 J	0.75 J
Vinyl chloride	UG/KG	NS	210	2.2 U	NA	1.8 U	2 U	2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

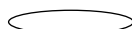
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3420-FP-N	3420-FP-N	3420-FP-N	3460-SB-N	3460-SB-N
Sample ID				3420-FP-N-6-12	3420-FP-N-6-12	3420-FP-N-12-24	3460-SB-N-0-6	3460-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.1 U	NA	0.91 U	2 U	2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	NA	650 U	590 U	630 U	640 U
2-Methylnaphthalene	UG/KG	-	-	NA	130 U	120 U	130 U	130 U
2-Nitroaniline	UG/KG	-	-	NA	650 U	590 U	630 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	NA	650 U	590 U	630 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
4-Chloroaniline	UG/KG	-	-	NA	650 U	590 U	630 U	640 U
Acenaphthene	UG/KG	20000	100000	NA	130 U	120 U	130 U	130 U
Acenaphthylene	UG/KG	NS	100000	NA	130 U	120 U	130 U	130 U
Anthracene	UG/KG	NS	100000	NA	130 U	120 U	16.6 J	130 U
Benzo(a)anthracene	UG/KG	NS	1000	NA	34.8 J	17.9 J	59.6 J	130 U
Benzo(a)pyrene	UG/KG	2600	1000	NA	99.6 J	75.4 J	122 J	74.4 J
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	88.3 J	60.7 J	105 J	58.2 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	25.9 J	120 U	42.1 J	130 U
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	88.9 J	67.9 J	104 J	67.2 J

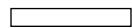
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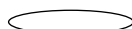
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3420-FP-N	3420-FP-N	3420-FP-N	3460-SB-N	3460-SB-N
Sample ID				3420-FP-N-6-12	3420-FP-N-6-12	3420-FP-N-12-24	3460-SB-N-0-6	3460-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	85.5 J	74.0 J	310 U	320 U
Butylbenzylphthalate	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
Carbazole	UG/KG	-	-	NA	130 U	120 U	130 U	130 U
Chrysene	UG/KG	NS	1000	NA	45.9 J	19.4 J	70.0 J	130 U
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	130 U	120 U	130 U	130 U
Dibenzofuran	UG/KG	NS	14000	NA	130 U	120 U	130 U	130 U
Dimethylphthalate	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
Di-n-butylphthalate	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
Di-n-octylphthalate	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
Fluoranthene	UG/KG	NS	100000	NA	90.8 J	41.1 J	139	23.5 J
Fluorene	UG/KG	30000	100000	NA	130 U	120 U	130 U	130 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	122 J	120 U	136	105 J
Isophorone	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
Naphthalene	UG/KG	NS	100000	NA	130 U	120 U	130 U	130 U
Nitrobenzene	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	320 U	290 U	310 U	320 U
Phenanthrene	UG/KG	NS	100000	NA	47.4 J	23.6 J	69.6 J	130 U
Phenol	UG/KG	30000	100000	NA	320 U	290 U	310 U	320 U
Pyrene	UG/KG	NS	100000	NA	76.2 J	35.6 J	117 J	20.8 J

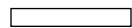
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

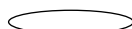
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3420-FP-N	3420-FP-N	3420-FP-N	3460-SB-N	3460-SB-N
Sample ID				3420-FP-N-6-12	3420-FP-N-6-12	3420-FP-N-12-24	3460-SB-N-0-6	3460-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	43 U	39 U	42 U	42 U
Aroclor 1254	UG/KG	-	-	NA	25.1 J	39 U	19.3 J	42 U
Aroclor 1260	UG/KG	-	-	NA	69.7	39.2	41.8 J	42 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	94.8	39.2	61.1	42 U
Metals								
Arsenic	MG/KG	13	16	NA	6.5	6.8	2.1	2.1
Barium	MG/KG	433	350	NA	61.2	62.4	257	271
Cadmium	MG/KG	4	2.5	NA	1.3	0.87	0.15 J	0.15 J
Chromium	MG/KG	41	36	NA	15.7	14.5	14.1	15.3
Lead	MG/KG	63	400	NA	35.6	23.4	9.2	9.5
Mercury	MG/KG	0.18	0.81	NA	0.072 J-	0.046 J-	0.072	0.075 J-
Selenium	MG/KG	3.9	36	NA	1 U	0.97 U	0.28 U	0.97 U
Silver	MG/KG	2	36	NA	0.11 J	0.49 U	0.057 U	0.49 U

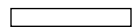
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3460-SB-N	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF
Sample ID				3460-SB-N-12-24	3520-FP-S-INF-0-2	3520-FP-S-INF-0-6	3520-FP-S-INF-6-12	3520-FP-S-INF-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1 U	NA	3 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1 U	NA	3 UJ	2 U	2 UJ
1,1-Dichloroethene	UG/KG	NS	100000	1 U	NA	3 U	2 U	2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1 U	NA	7.2	6.3 J	7.7 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1 U	NA	0.63 J	0.55 J	2 U
2-Hexanone	UG/KG	-	-	9 UJ	NA	15 UJ	13 UJ	13 UJ
4-Methyl-2-pentanone	UG/KG	-	-	4 U	NA	7 U	6 U	6 U
Acetone	UG/KG	2200	100000	21.7 J	NA	264 J	133 J	192 J
Benzene	UG/KG	70000	2900	0.35 U	NA	1.2 J	0.56 J	1.0 J
Bromomethane	UG/KG	-	-	1 U	NA	3 U	2 U	2 U
Carbon disulfide	UG/KG	-	-	4 U	NA	20.5 J	5.5 J	27.8 J
Chloroform	UG/KG	12000	10000	1 U	NA	3 U	2 U	2 U
Chloromethane	UG/KG	-	-	4 U	NA	7 U	6 U	6 U
Ethylbenzene	UG/KG	NS	30000	1 U	NA	3 U	2 U	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	33.5 J	14.2 J	27.8 J
Methylene chloride	UG/KG	12000	51000	1 U	NA	3 U	2 U	2 U
Tetrachloroethene	UG/KG	2000	5500	1 U	NA	3 U	2 U	2 U
Toluene	UG/KG	36000	100000	4 U	NA	7 U	6 U	6 U
Trichloroethene	UG/KG	2000	10000	1 U	NA	13.1 J	18.1 J	19.0 J
Vinyl chloride	UG/KG	NS	210	1 U	NA	3 U	2 U	2 U

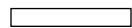
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3460-SB-N	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF
Sample ID				3460-SB-N-12-24	3520-FP-S-INF-0-2	3520-FP-S-INF-0-6	3520-FP-S-INF-6-12	3520-FP-S-INF-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1 U	NA	2.0 J	2 U	1.9 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
2,4-Dimethylphenol	UG/KG	-	-	620 U	690 U	NA	660 U	680 U
2-Methylnaphthalene	UG/KG	-	-	120 U	405	NA	130 U	140 U
2-Nitroaniline	UG/KG	-	-	620 U	690 U	NA	660 U	680 U
3&4-Methylphenol	UG/KG	NS	34000	620 U	690 U	NA	660 U	680 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
4-Chloroaniline	UG/KG	-	-	620 U	690 U	NA	660 U	680 U
Acenaphthene	UG/KG	20000	100000	120 U	1,320	NA	259	146
Acenaphthylene	UG/KG	NS	100000	120 U	93.4 J	NA	57.0 J	66.1 J
Anthracene	UG/KG	NS	100000	120 U	1,970	NA	512	334
Benzo(a)anthracene	UG/KG	NS	1000	120 U	6,560	NA	1,670	1,210
Benzo(a)pyrene	UG/KG	2600	1000	120 U	5,430	NA	1,570	1,140
Benzo(b)fluoranthene	UG/KG	NS	1000	120 U	5,920	NA	1,440	1,030
Benzo(g,h,i)perylene	UG/KG	NS	100000	120 U	3,580	NA	1,060	747
Benzo(k)fluoranthene	UG/KG	NS	1000	120 U	4,370	NA	1,350	990

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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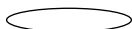
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3460-SB-N	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF
Sample ID				3460-SB-N-12-24	3520-FP-S-INF-0-2	3520-FP-S-INF-0-6	3520-FP-S-INF-6-12	3520-FP-S-INF-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	128 J	251 J	NA	199 J	226 J
Butylbenzylphthalate	UG/KG	-	-	310 U	74.3 J	NA	330 U	42.7 J
Carbazole	UG/KG	-	-	120 U	2,200	NA	432	297
Chrysene	UG/KG	NS	1000	120 U	7,340	NA	1,700	1,260
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	1,250	NA	322	244
Dibenzofuran	UG/KG	NS	14000	120 U	1,230	NA	185	96.3 J
Dimethylphthalate	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
Di-n-butylphthalate	UG/KG	-	-	310 U	350 U	NA	16.4 J	18.2 J
Di-n-octylphthalate	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
Fluoranthene	UG/KG	NS	100000	120 U	20,200 D	NA	3,490	2,710
Fluorene	UG/KG	30000	100000	120 U	1,220	NA	254	153
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	120 U	3,590	NA	1,170	846
Isophorone	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
Naphthalene	UG/KG	NS	100000	120 U	971	NA	158	71.6 J
Nitrobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	350 U	NA	330 U	340 U
Phenanthrene	UG/KG	NS	100000	120 U	17,600 D	NA	2,470	1,890
Phenol	UG/KG	30000	100000	310 U	350 U	NA	330 U	340 U
Pyrene	UG/KG	NS	100000	120 U	14,800 D	NA	3,030	2,430

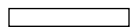
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3460-SB-N	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF	3520-FP-S-INF
Sample ID				3460-SB-N-12-24	3520-FP-S-INF-0-2	3520-FP-S-INF-0-6	3520-FP-S-INF-6-12	3520-FP-S-INF-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	46 U	NA	44 U	46 U
Aroclor 1254	UG/KG	-	-	41 U	447	NA	176	321
Aroclor 1260	UG/KG	-	-	41 U	1,800 D	NA	1,220 D	2,210 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	41 U	2,247	NA	3,643	2,531
Metals								
Arsenic	MG/KG	13	16	1.3	4.6	NA	5.4	10
Barium	MG/KG	433	350	231	73.4	NA	98.9	117
Cadmium	MG/KG	4	2.5	0.068 J	1.3	NA	1.5	3.4
Chromium	MG/KG	41	36	15.0	23.9	NA	27.5	49.9
Lead	MG/KG	63	400	7.8	49.5	NA	56.6	57.6
Mercury	MG/KG	0.18	0.81	0.056 J-	0.25	NA	0.22 J-	0.23 J-
Selenium	MG/KG	3.9	36	0.98 U	1 U	NA	1 U	1.1 U
Silver	MG/KG	2	36	0.49 U	0.86	NA	1.1	2.9

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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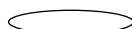
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3600-FP-N	3600-FP-N	3600-FP-N	3600-FP-N	3650-C
Sample ID				3600-FP-N-0-2	3600-FP-N-0-6	3600-FP-N-6-12	3600-FP-N-12-24	3650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	481	0.68 J	2 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	300 U	2 UJ	2 UJ	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	300 U	2 U	2 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	681	18.7 J	16.6 J	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	84.3 J	0.84 J	0.89 J	NA
2-Hexanone	UG/KG	-	-	NA	1,500 U	14 UJ	13 UJ	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	750 U	6 U	6 U	NA
Acetone	UG/KG	2200	100000	NA	R	134 J	110 J	NA
Benzene	UG/KG	70000	2900	NA	75 U	0.72 J	0.62 J	NA
Bromomethane	UG/KG	-	-	NA	300 U	2 U	2 U	NA
Carbon disulfide	UG/KG	-	-	NA	750 U	4.8 J	3.4 J	NA
Chloroform	UG/KG	12000	10000	NA	300 U	2 U	2 U	NA
Chloromethane	UG/KG	-	-	NA	750 U	6 U	6 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	300 U	2 U	2 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	18.5 J	17.5 J	NA
Methylene chloride	UG/KG	12000	51000	NA	300 U	2 U	2 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	300 U	0.61 J	1.4 J	NA
Toluene	UG/KG	36000	100000	NA	750 U	6 U	6 U	NA
Trichloroethene	UG/KG	2000	10000	NA	928	49.3 J	69.3 J	NA
Vinyl chloride	UG/KG	NS	210	NA	300 U	2.7 J	2.5 J	NA

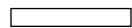
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[SITE KEY] = 4 AND [MATRIX] = 'SO

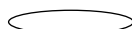
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3600-FP-N	3600-FP-N	3600-FP-N	3600-FP-N	3650-C
Sample ID				3600-FP-N-0-2	3600-FP-N-0-6	3600-FP-N-6-12	3600-FP-N-12-24	3650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	73.9 J	2.1 J	2.3 J	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	610 UJ	NA	1,800 U	22.2 J	NA
1,2-Dichlorobenzene	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
2,4-Dimethylphenol	UG/KG	-	-	1,200 UJ	NA	3,600 U	690 U	NA
2-Methylnaphthalene	UG/KG	-	-	456 J	NA	720 U	140 U	NA
2-Nitroaniline	UG/KG	-	-	1,200 UJ	NA	3,600 U	690 U	NA
3&4-Methylphenol	UG/KG	NS	34000	1,200 UJ	NA	3,600 U	690 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
4-Chloroaniline	UG/KG	-	-	1,200 UJ	NA	3,600 U	690 U	NA
Acenaphthene	UG/KG	20000	100000	1,690 J	NA	3,590	508	NA
Acenaphthylene	UG/KG	NS	100000	173 J	NA	348 J	108 J	NA
Anthracene	UG/KG	NS	100000	2,130 J	NA	6,670	1,150	NA
Benzo(a)anthracene	UG/KG	NS	1000	8,150 J	NA	17,200	3,510	NA
Benzo(a)pyrene	UG/KG	2600	1000	7,220 J	NA	14,500	2,950	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	7,250 J	NA	12,400	2,780	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	4,490 J	NA	8,270	1,630	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	6,830 J	NA	13,100	2,660	NA

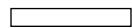
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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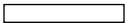
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3600-FP-N	3600-FP-N	3600-FP-N	3600-FP-N	3650-C
Sample ID				3600-FP-N-0-2	3600-FP-N-0-6	3600-FP-N-6-12	3600-FP-N-12-24	3650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	545 J	NA	1,060 J	785	NA
Butylbenzylphthalate	UG/KG	-	-	172 J	NA	1,800 U	350 U	NA
Carbazole	UG/KG	-	-	2,380 J	NA	4,670	850	NA
Chrysene	UG/KG	NS	1000	9,350 J	NA	16,600	3,410	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	1,720 J	NA	2,360	534	NA
Dibenzofuran	UG/KG	NS	14000	1,220 J	NA	2,570	366	NA
Dimethylphthalate	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
Di-n-butylphthalate	UG/KG	-	-	99.7 J	NA	1,800 U	52.5 J	NA
Di-n-octylphthalate	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
Fluoranthene	UG/KG	NS	100000	19,500 J	NA	38,600	7,320	NA
Fluorene	UG/KG	30000	100000	1,410 J	NA	3,850	504	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	4,580 J	NA	9,490	1,850	NA
Isophorone	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
Naphthalene	UG/KG	NS	100000	1,140 J	NA	2,320	342	NA
Nitrobenzene	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	610 UJ	NA	1,800 U	350 U	NA
Phenanthrene	UG/KG	NS	100000	15,600 J	NA	32,500	5,490	NA
Phenol	UG/KG	30000	100000	610 UJ	NA	1,800 U	350 U	NA
Pyrene	UG/KG	NS	100000	16,100 J	NA	30,000	6,330	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3600-FP-N	3600-FP-N	3600-FP-N	3600-FP-N	3650-C
Sample ID				3600-FP-N-0-2	3600-FP-N-0-6	3600-FP-N-6-12	3600-FP-N-12-24	3650-C-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/05/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	80 UJ	NA	47 U	47 U	39 U
Aroclor 1254	UG/KG	-	-	853 J	NA	4,430 D	6,520 D	39 U
Aroclor 1260	UG/KG	-	-	2,630 DJ	NA	7,340 D	6,580 D	39 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	3,483	NA	11,770	13,100	39 U
Metals								
Arsenic	MG/KG	13	16	6.0 J	NA	9.3	9.7	NA
Barium	MG/KG	433	350	78.5 J	NA	76.4	90.3	NA
Cadmium	MG/KG	4	2.5	1.3 J	NA	2.4	2.3	NA
Chromium	MG/KG	41	36	41.3 J	NA	85.7	86.8	NA
Lead	MG/KG	63	400	65.9 J	NA	164	148	NA
Mercury	MG/KG	0.18	0.81	0.25 J	NA	0.67 J-	0.71 J-	NA
Selenium	MG/KG	3.9	36	1 UJ	NA	1.1 U	1.1 U	NA
Silver	MG/KG	2	36	1.0 J	NA	5.0	4.5	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-N	3650-SB-N	3650-SB-N	3650-SB-S	3650-SB-S
Sample ID				3650-SB-N-0-6	3650-SB-N-6-12	3650-SB-N-12-24	3650-SB-S-0-6	DUP-18
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3 U	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3 U	2 U	2 UJ	2 UJ	2 UJ
1,1-Dichloroethene	UG/KG	NS	100000	3 U	2 U	2 U	2 U	2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	14.8	5.2	4.8 J	1.5 J	0.60 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	3 U	1.6 J	2.8 J	2 U	2 U
2-Hexanone	UG/KG	-	-	15 UJ	12 UJ	13 UJ	11 UJ	11 UJ
4-Methyl-2-pentanone	UG/KG	-	-	7 U	6 U	6 U	5 U	5 U
Acetone	UG/KG	2200	100000	164 J	52.6 J	79.1 J	62.6 J	37.2 J
Benzene	UG/KG	70000	2900	0.58 U	0.45 U	0.50 U	0.90 J	0.64 J
Bromomethane	UG/KG	-	-	1.5 J	2 U	2 U	2 U	2 U
Carbon disulfide	UG/KG	-	-	10.6	1.3 J	1.8 J	6.6 J	4.8 J
Chloroform	UG/KG	12000	10000	3 U	2 U	2 U	2 U	2 U
Chloromethane	UG/KG	-	-	6.3 J	6 U	6 U	5 U	5 U
Ethylbenzene	UG/KG	NS	30000	3 U	2 U	1.7 J	2 UJ	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	22.0 J	8.6 J	12.5 J	5.9 J	4.3 J
Methylene chloride	UG/KG	12000	51000	3 U	2 U	2 U	2 U	2 U
Tetrachloroethene	UG/KG	2000	5500	1.8 J	1.1 J	1.5 J	1.3 J	0.59 J
Toluene	UG/KG	36000	100000	7 U	6 U	6 U	5 U	5 U
Trichloroethene	UG/KG	2000	10000	58.0	40.8 J	27.4 J	11.8 J	5.2 J
Vinyl chloride	UG/KG	NS	210	3.4	2 U	2 U	2 U	2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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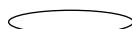
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-N	3650-SB-N	3650-SB-N	3650-SB-S	3650-SB-S
Sample ID				3650-SB-N-0-6	3650-SB-N-6-12	3650-SB-N-12-24	3650-SB-S-0-6	DUP-18
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.3 J	1.9 J	3.2 J	1.5 J	2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	740 U	670 U	700 U	630 U	630 U
2-Methylnaphthalene	UG/KG	-	-	106 J	130 U	140 U	21.2 J	22.8 J
2-Nitroaniline	UG/KG	-	-	740 U	670 U	700 U	630 U	630 U
3&4-Methylphenol	UG/KG	NS	34000	740 U	670 U	700 U	630 U	630 U
4-Bromophenyl-phenylether	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
4-Chloroaniline	UG/KG	-	-	740 U	670 U	700 U	630 U	630 U
Acenaphthene	UG/KG	20000	100000	263	407	529	37.3 J	40.1 J
Acenaphthylene	UG/KG	NS	100000	114 J	123 J	87.6 J	65.1 J	55.7 J
Anthracene	UG/KG	NS	100000	644	780	872	96.5 J	102 J
Benzo(a)anthracene	UG/KG	NS	1000	1,780	1,880	1,750	273	311
Benzo(a)pyrene	UG/KG	2600	1000	1,550	1,650	1,430	304	327
Benzo(b)fluoranthene	UG/KG	NS	1000	1,440	1,400	1,220	247	262
Benzo(g,h,i)perylene	UG/KG	NS	100000	914	879	763	149	170
Benzo(k)fluoranthene	UG/KG	NS	1000	1,450	1,420	1,210	242	263

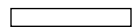
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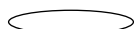
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-N	3650-SB-N	3650-SB-N	3650-SB-S	3650-SB-S
Sample ID				3650-SB-N-0-6	3650-SB-N-6-12	3650-SB-N-12-24	3650-SB-S-0-6	DUP-18
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	509	574	954	111 J	204 J
Butylbenzylphthalate	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
Carbazole	UG/KG	-	-	453	578	444	31.5 J	54.3 J
Chrysene	UG/KG	NS	1000	1,870	1,840	1,640	270	310
Dibenz(a,h)anthracene	UG/KG	NS	330	309	293	265	96.0 J	94.3 J
Dibenzofuran	UG/KG	NS	14000	192	311	231	19.7 J	27.9 J
Dimethylphthalate	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
Di-n-butylphthalate	UG/KG	-	-	24.5 J	80.0 J	18.7 J	310 U	310 U
Di-n-octylphthalate	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
Fluoranthene	UG/KG	NS	100000	4,090	4,010	3,730	484	635
Fluorene	UG/KG	30000	100000	281	466	461	34.6 J	42.5 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	998	1,060	895	235	250
Isophorone	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
Naphthalene	UG/KG	NS	100000	192	489	192	24.0 J	30.7 J
Nitrobenzene	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	370 U	330 U	350 U	310 U	310 U
Phenanthrene	UG/KG	NS	100000	2,850	3,480	3,280	264	417
Phenol	UG/KG	30000	100000	370 U	330 U	350 U	310 U	310 U
Pyrene	UG/KG	NS	100000	3,420	3,470	3,220	471	572

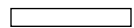
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-N	3650-SB-N	3650-SB-N	3650-SB-S	3650-SB-S
Sample ID				3650-SB-N-0-6	3650-SB-N-6-12	3650-SB-N-12-24	3650-SB-S-0-6	DUP-18
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/06/16	05/06/16	05/06/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	49 U	43 U	45 U	42 U	42 U
Aroclor 1254	UG/KG	-	-	3,910 D	10,800 D	4,060 D	42 U	42 U
Aroclor 1260	UG/KG	-	-	5,780 D	12,000 D	12,400 D	4,830 D	2,950 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	9,690	22,800	16,460	4,830	2,950
Metals								
Arsenic	MG/KG	13	16	9.9	8.0	5.9	5.2	4.3
Barium	MG/KG	433	350	86.1	114	53.8	51.1	46.6
Cadmium	MG/KG	4	2.5	6.5	5.0	1.4	0.50	0.56
Chromium	MG/KG	41	36	206 J	268	127	46.7	44.7
Lead	MG/KG	63	400	145 J	195	113	61.2	56.1
Mercury	MG/KG	0.18	0.81	0.67 J-	0.97 J-	0.40 J-	0.19	0.16
Selenium	MG/KG	3.9	36	1 U	0.99 U	1 U	0.29 U	0.29 U
Silver	MG/KG	2	36	2.3	2.0	0.96	0.38 J	0.38 J

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

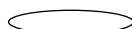
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-S	3650-SB-S	3825-C	3825-C	3825-SB-N
Sample ID				3650-SB-S-6-12	3650-SB-S-12-24	3825-C-2.0-2.5	3825-C-5.0-5.5	3825-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.0-2.5	5.0-5.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/04/16	05/04/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2 U	2 UJ	1.8 U	1.6 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2 UJ	2 UJ	1.8 U	1.6 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	2 U	2 UJ	1.8 U	0.75 J	1.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.9 J	2 UJ	1.8 U	2.3 J	8.7
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2 U	2 UJ	1.8 U	0.38 J	0.70 J
2-Hexanone	UG/KG	-	-	12 UJ	11 UJ	8.8 U	7.8 U	9.3 U
4-Methyl-2-pentanone	UG/KG	-	-	5 U	5 UJ	4.4 U	3.9 U	4.7 U
Acetone	UG/KG	2200	100000	39.5 J	53.5 J	28.8 J	8.6 J	50.3 J
Benzene	UG/KG	70000	2900	0.44 U	0.68 J	0.44 U	0.39 U	0.47 U
Bromomethane	UG/KG	-	-	2 U	2 UJ	1.8 U	1.6 U	1.9 UJ
Carbon disulfide	UG/KG	-	-	1.4 J	7.0 J	1.3 J	0.34 J	1.2 J
Chloroform	UG/KG	12000	10000	2 U	2 UJ	1.8 U	1.6 U	1.9 U
Chloromethane	UG/KG	-	-	5 U	5 UJ	4.4 U	3.9 U	4.7 U
Ethylbenzene	UG/KG	NS	30000	2 U	2 UJ	1.8 U	1.6 U	1.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	23.5 J	R	4.8 J	R	4.9 J
Methylene chloride	UG/KG	12000	51000	2 U	2 UJ	1.8 U	1.6 U	1.9 U
Tetrachloroethene	UG/KG	2000	5500	2 U	2 UJ	0.59 J	1.6 U	0.73 J
Toluene	UG/KG	36000	100000	5 U	5 UJ	4.4 U	3.9 U	4.7 U
Trichloroethene	UG/KG	2000	10000	5.6 J	1.6 J	1.4 J	1.6 U	23.5
Vinyl chloride	UG/KG	NS	210	2 U	2 UJ	1.8 U	1.6 U	0.88 J

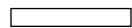
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-S	3650-SB-S	3825-C	3825-C	3825-SB-N
Sample ID				3650-SB-S-6-12	3650-SB-S-12-24	3825-C-2.0-2.5	3825-C-5.0-5.5	3825-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.0-2.5	5.0-5.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/04/16	05/04/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2 U	1.7 J	1.8 UJ	1.6 UJ	0.35 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	330 U	280 U	280 U	33.1 J
1,2-Dichlorobenzene	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
2,4-Dimethylphenol	UG/KG	-	-	650 U	660 U	570 U	550 U	740 U
2-Methylnaphthalene	UG/KG	-	-	130 U	130 U	110 U	110 U	68.2 J
2-Nitroaniline	UG/KG	-	-	650 U	660 U	570 U	550 U	740 U
3&4-Methylphenol	UG/KG	NS	34000	650 U	660 U	570 U	550 U	740 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
4-Chloroaniline	UG/KG	-	-	650 U	660 U	570 U	550 U	740 U
Acenaphthene	UG/KG	20000	100000	419	115 J	110 U	110 U	141 J
Acenaphthylene	UG/KG	NS	100000	47.1 J	47.5 J	110 U	110 U	50.4 J
Anthracene	UG/KG	NS	100000	598	239	110 U	110 U	319
Benzo(a)anthracene	UG/KG	NS	1000	1,140	585	110 U	110 U	1,040
Benzo(a)pyrene	UG/KG	2600	1000	1,030	517	110 U	110 U	934
Benzo(b)fluoranthene	UG/KG	NS	1000	882	457	110 U	110 U	965
Benzo(g,h,i)perylene	UG/KG	NS	100000	531	264	110 U	110 U	575
Benzo(k)fluoranthene	UG/KG	NS	1000	849	454	110 U	110 U	910

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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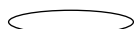
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-S	3650-SB-S	3825-C	3825-C	3825-SB-N
Sample ID				3650-SB-S-6-12	3650-SB-S-12-24	3825-C-2.0-2.5	3825-C-5.0-5.5	3825-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.0-2.5	5.0-5.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/04/16	05/04/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	425	448	280 U	280 U	625
Butylbenzylphthalate	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
Carbazole	UG/KG	-	-	381	143	110 U	110 U	184
Chrysene	UG/KG	NS	1000	1,130	567	110 U	110 U	1,050
Dibenz(a,h)anthracene	UG/KG	NS	330	200	138	110 U	110 U	309
Dibenzofuran	UG/KG	NS	14000	281	90.3 J	110 U	110 U	95.8 J
Dimethylphthalate	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
Di-n-butylphthalate	UG/KG	-	-	20.7 J	330 U	280 U	280 U	61.1 J
Di-n-octylphthalate	UG/KG	-	-	320 U	330 U	280 U	280 U	370 UJ
Fluoranthene	UG/KG	NS	100000	2,660	1,280	110 U	110 U	2,140
Fluorene	UG/KG	30000	100000	419	129 J	110 U	110 U	136 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	678	375	110 U	110 U	765
Isophorone	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
Naphthalene	UG/KG	NS	100000	406	72.0 J	110 U	110 U	108 J
Nitrobenzene	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	330 U	280 U	280 U	370 U
Phenanthrene	UG/KG	NS	100000	2,660	1,040	110 U	110 U	1,530
Phenol	UG/KG	30000	100000	320 U	330 U	280 UJ	280 UJ	370 U
Pyrene	UG/KG	NS	100000	2,240	1,130	110 U	110 U	2,030

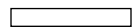
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3650-SB-S	3650-SB-S	3825-C	3825-C	3825-SB-N
Sample ID				3650-SB-S-6-12	3650-SB-S-12-24	3825-C-2.0-2.5	3825-C-5.0-5.5	3825-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.0-2.5	5.0-5.5	0.0-0.5
Date Sampled				05/06/16	05/06/16	05/04/16	05/04/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	43 U	37 U	36 U	49 U
Aroclor 1254	UG/KG	-	-	42 U	43 U	37 U	36 U	3,840 J
Aroclor 1260	UG/KG	-	-	6,360 D	43 U	37 U	36 U	4,570 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	6,360	43 U	37 U	36 U	8,410
Metals								
Arsenic	MG/KG	13	16	5.5	6.6	8.1	3.3	19.7
Barium	MG/KG	433	350	44.5	44.6	25.4	78.0	104
Cadmium	MG/KG	4	2.5	0.87	1.4	0.088 J	0.4 U	1.2
Chromium	MG/KG	41	36	54.2	43.8	7.9	7.4	143
Lead	MG/KG	63	400	93.6	61.2	4.5	4.1	96.3
Mercury	MG/KG	0.18	0.81	0.24 J-	0.27 J-	0.032 U	0.029 U	0.76
Selenium	MG/KG	3.9	36	0.98 U	1 U	0.97 U	1 U	1.1 U
Silver	MG/KG	2	36	0.76	0.61	0.49 U	0.5 U	3.7

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3825-SB-N	3825-SB-N	3825-SB-S	3825-SB-S	3825-SB-S
Sample ID				3825-SB-N-6-12	3825-SB-N-12-24	3825-SB-S-0-6	3825-SB-S-6-12	3825-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.1 U	3.1 U	1.7 U	3.8 U	1.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.1 U	3.1 U	1.7 UJ	3.8 U	1.8 U
1,1-Dichloroethene	UG/KG	NS	100000	3.1 U	3.1 U	1.7 U	3.8 U	1.8 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	10.2	3.1 U	2.7	9.6	2.1
1,2-Dichloroethene (trans)	UG/KG	NS	100000	0.95 J	3.1 U	1.7 U	1.1 J	0.44 J
2-Hexanone	UG/KG	-	-	16 U	16 U	8.6 U	19 U	8.9 U
4-Methyl-2-pentanone	UG/KG	-	-	7.8 U	7.8 U	4.3 U	9.4 U	4.4 U
Acetone	UG/KG	2200	100000	67.6 J	95.1 J	50.1 J	156 J	78.6 J
Benzene	UG/KG	70000	2900	0.78 U	0.78 U	0.37 J	0.94 U	0.44 U
Bromomethane	UG/KG	-	-	3.1 UJ	3.1 UJ	1.7 UJ	3.8 UJ	1.8 UJ
Carbon disulfide	UG/KG	-	-	1.6 J	2.4 J	1.5 J	2.2 J	1.2 J
Chloroform	UG/KG	12000	10000	3.1 U	3.1 U	1.7 U	3.8 U	1.8 U
Chloromethane	UG/KG	-	-	7.8 U	7.8 U	4.3 U	9.4 U	4.4 U
Ethylbenzene	UG/KG	NS	30000	3.1 U	3.1 U	1.7 U	3.8 U	1.8 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	9.0 J	13.2 J	8.1 J	35.7 J	16.1 J
Methylene chloride	UG/KG	12000	51000	3.1 U	3.1 U	1.7 U	3.8 U	1.8 U
Tetrachloroethene	UG/KG	2000	5500	0.65 J	3.1 U	0.27 J	3.8 U	1.8 U
Toluene	UG/KG	36000	100000	7.8 U	7.8 U	0.40 J	9.4 U	4.4 U
Trichloroethene	UG/KG	2000	10000	22.4	0.79 J	8.8	19.7	3.1
Vinyl chloride	UG/KG	NS	210	0.91 J	3.1 U	1.7 U	3.8 U	1.8 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3825-SB-N	3825-SB-N	3825-SB-S	3825-SB-S	3825-SB-S
Sample ID				3825-SB-N-6-12	3825-SB-N-12-24	3825-SB-S-0-6	3825-SB-S-6-12	3825-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	3.1 U	3.1 U	0.42 J	0.68 J	1.8 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	350 U	400 U	390 U	1,900 U	23.4 J
1,2-Dichlorobenzene	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
1,3-Dichlorobenzene	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
1,4-Dichlorobenzene	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
2,4-Dimethylphenol	UG/KG	-	-	700 U	790 U	780 U	3,700 U	760 U
2-Methylnaphthalene	UG/KG	-	-	35.7 J	160 U	133 J	512 J	71.7 J
2-Nitroaniline	UG/KG	-	-	700 U	790 U	780 U	3,700 U	760 U
3&4-Methylphenol	UG/KG	NS	34000	700 U	790 U	780 U	3,700 U	760 U
4-Bromophenyl-phenylether	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
4-Chloroaniline	UG/KG	-	-	700 U	790 U	780 U	3,700 U	760 U
Acenaphthene	UG/KG	20000	100000	95.8 J	160 U	495	2,140	248
Acenaphthylene	UG/KG	NS	100000	26.9 J	160 U	60.4 J	164 J	31.3 J
Anthracene	UG/KG	NS	100000	158	18.7 J	1,040	4,880	456
Benzo(a)anthracene	UG/KG	NS	1000	559	81.8 J	3,420	14,000	1,220
Benzo(a)pyrene	UG/KG	2600	1000	582	213	2,960	11,600	1,070
Benzo(b)fluoranthene	UG/KG	NS	1000	574	235	3,000	11,200	1,060
Benzo(g,h,i)perylene	UG/KG	NS	100000	286	57.2 J	2,130	6,580	657
Benzo(k)fluoranthene	UG/KG	NS	1000	480	81.0 J	3,020	11,300	964

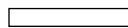
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3825-SB-N	3825-SB-N	3825-SB-S	3825-SB-S	3825-SB-S
Sample ID				3825-SB-N-6-12	3825-SB-N-12-24	3825-SB-S-0-6	3825-SB-S-6-12	3825-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	382	220 J	326 J	1,160 J	341 J
Butylbenzylphthalate	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
Carbazole	UG/KG	-	-	110 J	16.2 J	969	4,040	283
Chrysene	UG/KG	NS	1000	568	106 J	3,510	13,300	1,160
Dibenz(a,h)anthracene	UG/KG	NS	330	227	160 U	809	2,730	328
Dibenzofuran	UG/KG	NS	14000	57.8 J	160 U	357	1,440	131 J
Dimethylphthalate	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
Di-n-butylphthalate	UG/KG	-	-	105 J	400 U	390 U	1,900 U	138 J
Di-n-octylphthalate	UG/KG	-	-	350 UJ	400 UJ	390 UJ	1,900 UJ	380 UJ
Fluoranthene	UG/KG	NS	100000	1,160	200	7,880	32,600	2,450
Fluorene	UG/KG	30000	100000	80.4 J	160 U	507	2,310	234
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	510	329	2,270	7,460	873
Isophorone	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
Naphthalene	UG/KG	NS	100000	64.4 J	160 U	285	1,120	131 J
Nitrobenzene	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	350 U	400 U	390 U	1,900 U	380 U
Phenanthrene	UG/KG	NS	100000	881	93.3 J	6,320	27,500	1,960
Phenol	UG/KG	30000	100000	350 U	400 U	390 U	1,900 U	380 U
Pyrene	UG/KG	NS	100000	1,100	188	6,740	26,100	2,180

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3825-SB-N	3825-SB-N	3825-SB-S	3825-SB-S	3825-SB-S
Sample ID				3825-SB-N-6-12	3825-SB-N-12-24	3825-SB-S-0-6	3825-SB-S-6-12	3825-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	52 U	51 U	49 U	51 U
Aroclor 1254	UG/KG	-	-	645 J	52 U	807 J	1,450 DJ	2,640 DJ
Aroclor 1260	UG/KG	-	-	1,330 D	30.6 J	2,360 D	3,160 D	3,110 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,975	30.6	3,167	4,610	5,750
Metals								
Arsenic	MG/KG	13	16	18.6	3.8	10.6	7.1	10.3
Barium	MG/KG	433	350	93.8	56.8	63.2	82.3	161
Cadmium	MG/KG	4	2.5	1.2	0.18 J	0.88	1.4	1.3
Chromium	MG/KG	41	36	99.1	8.6	54.7	69.4	82.2
Lead	MG/KG	63	400	96.8	5.7	86.8	143	57.5
Mercury	MG/KG	0.18	0.81	0.87	0.018 J	0.46	0.66	0.21
Selenium	MG/KG	3.9	36	1 U	1.2 U	0.38 J	1.1 U	0.47 J
Silver	MG/KG	2	36	1.3	0.11 J	2.5	4.9	1.9

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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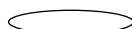
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-L
Sample ID				3850-FP-S-H-0-2	3850-FP-S-H-0-6	3850-FP-S-H-6-12	3850-FP-S-H-12-24	3850-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.4 U	2.2 U	2.1 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.4 U	2.2 U	2.1 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.4 U	2.2 U	2.1 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.4 U	2.2 U	2.1 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.4 U	2.2 U	2.1 U	NA
2-Hexanone	UG/KG	-	-	NA	12 U	11 U	11 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	6 U	5.4 U	5.3 U	NA
Acetone	UG/KG	2200	100000	NA	18.3 J	15.9 J	39.7 J	NA
Benzene	UG/KG	70000	2900	NA	0.70	0.66	0.94	NA
Bromomethane	UG/KG	-	-	NA	2.4 U	2.2 U	2.1 U	NA
Carbon disulfide	UG/KG	-	-	NA	0.60 J	2.2 J	0.76 J	NA
Chloroform	UG/KG	12000	10000	NA	2.4 U	2.2 U	2.1 U	NA
Chloromethane	UG/KG	-	-	NA	6 U	5.4 U	5.3 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.4 U	2.2 U	2.1 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	R	11.7 J	NA
Methylene chloride	UG/KG	12000	51000	NA	2.4 U	2.2 U	2.1 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.4 U	2.2 U	2.1 U	NA
Toluene	UG/KG	36000	100000	NA	6 U	5.4 U	5.3 U	NA
Trichloroethene	UG/KG	2000	10000	NA	1.0 J	2.2 U	2.1 U	NA
Vinyl chloride	UG/KG	NS	210	NA	2.4 U	2.2 U	2.1 U	NA

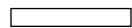
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

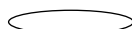
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-L
Sample ID				3850-FP-S-H-0-2	3850-FP-S-H-0-6	3850-FP-S-H-6-12	3850-FP-S-H-12-24	3850-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.4 U	2.2 U	2.1 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
1,2-Dichlorobenzene	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
1,3-Dichlorobenzene	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
1,4-Dichlorobenzene	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
2,4-Dimethylphenol	UG/KG	-	-	770 U	NA	570 U	48.1 J	53.9 J
2-Methylnaphthalene	UG/KG	-	-	150 U	NA	110 U	120 U	140 U
2-Nitroaniline	UG/KG	-	-	770 U	NA	570 U	600 U	690 U
3&4-Methylphenol	UG/KG	NS	34000	770 U	NA	570 U	600 U	690 U
4-Bromophenyl-phenylether	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
4-Chloroaniline	UG/KG	-	-	770 U	NA	570 U	600 U	690 U
Acenaphthene	UG/KG	20000	100000	150 U	NA	110 U	120 U	22.7 J
Acenaphthylene	UG/KG	NS	100000	150 U	NA	110 U	120 U	37.8 J
Anthracene	UG/KG	NS	100000	150 U	NA	110 U	120 U	64.4 J
Benzo(a)anthracene	UG/KG	NS	1000	37.3 J	NA	110 U	120 U	304
Benzo(a)pyrene	UG/KG	2600	1000	164	NA	110 U	116 J	417
Benzo(b)fluoranthene	UG/KG	NS	1000	170	NA	110 U	120	431
Benzo(g,h,i)perylene	UG/KG	NS	100000	150 U	NA	110 U	120 U	189
Benzo(k)fluoranthene	UG/KG	NS	1000	34.2 J	NA	110 U	120 U	310

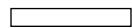
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

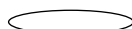
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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-L
Sample ID				3850-FP-S-H-0-2	3850-FP-S-H-0-6	3850-FP-S-H-6-12	3850-FP-S-H-12-24	3850-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	390 U	NA	290 U	300 U	242 J
Butylbenzylphthalate	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
Carbazole	UG/KG	-	-	150 U	NA	110 U	120 U	51.2 J
Chrysene	UG/KG	NS	1000	38.1 J	NA	110 U	120 U	363
Dibenz(a,h)anthracene	UG/KG	NS	330	150 U	NA	110 U	120 U	140 U
Dibenzofuran	UG/KG	NS	14000	150 U	NA	110 U	120 U	140 U
Dimethylphthalate	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
Di-n-butylphthalate	UG/KG	-	-	390 U	NA	290 U	300 U	24.6 J
Di-n-octylphthalate	UG/KG	-	-	390 UJ	NA	290 UJ	300 UJ	350 UJ
Fluoranthene	UG/KG	NS	100000	73.4 J	NA	26.0 J	25.7 J	639
Fluorene	UG/KG	30000	100000	150 U	NA	110 U	120 U	24.2 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	292	NA	110 U	217	394
Isophorone	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
Naphthalene	UG/KG	NS	100000	150 U	NA	110 U	120 U	140 U
Nitrobenzene	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	390 U	NA	290 U	300 U	350 U
Phenanthrene	UG/KG	NS	100000	39.3 J	NA	12.2 J	16.4 J	301
Phenol	UG/KG	30000	100000	390 U	NA	290 U	300 U	350 U
Pyrene	UG/KG	NS	100000	66.3 J	NA	22.5 J	25.5 J	645

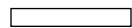
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-H	3850-FP-S-L
Sample ID				3850-FP-S-H-0-2	3850-FP-S-H-0-6	3850-FP-S-H-6-12	3850-FP-S-H-12-24	3850-FP-S-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	50 U	NA	37 U	40 U	48 U
Aroclor 1254	UG/KG	-	-	50 U	NA	37 U	40 U	48 U
Aroclor 1260	UG/KG	-	-	51.1	NA	50.0	47.0	935
Total Polychlorinated Biphenyls	UG/KG	1000	1000	51.1	NA	50.0	47.0	935
Metals								
Arsenic	MG/KG	13	16	5.3	NA	6.6	13.3	5.8
Barium	MG/KG	433	350	50.1	NA	46.3	41.9	164
Cadmium	MG/KG	4	2.5	0.33 J	NA	0.098 J	0.085 J	1.4
Chromium	MG/KG	41	36	13.5	NA	9.3	8.3	27.9
Lead	MG/KG	63	400	26.1	NA	8.0	7.3	42.9
Mercury	MG/KG	0.18	0.81	0.059	NA	0.028 J	0.013 J	0.16
Selenium	MG/KG	3.9	36	1.2 U	NA	0.89 U	0.94 U	1.1 U
Silver	MG/KG	2	36	0.093 J	NA	0.45 U	0.47 U	1.2

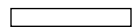
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-L	3850-FP-S-L	3850-FP-S-L	3850-FP-S-M	3850-FP-S-M
Sample ID				3850-FP-S-L-0-6	3850-FP-S-L-6-12	3850-FP-S-L-12-24	3850-FP-S-M-0-2	3850-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	4 U	3.3 U	2.7 U	NA	2.4 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	4 U	3.3 U	2.7 U	NA	2.4 U
1,1-Dichloroethene	UG/KG	NS	100000	4 U	3.3 U	2.7 U	NA	2.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	5.7	2.2 J	2.7 U	NA	0.62 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	4 U	3.3 U	2.7 U	NA	2.4 U
2-Hexanone	UG/KG	-	-	20 U	16 U	13 U	NA	12 U
4-Methyl-2-pentanone	UG/KG	-	-	9.9 U	8.2 U	6.7 U	NA	6 U
Acetone	UG/KG	2200	100000	211 J	113 J	52.1 J	NA	31.8 J
Benzene	UG/KG	70000	2900	0.99 U	0.82 U	0.67 U	NA	0.95
Bromomethane	UG/KG	-	-	4 U	3.3 U	2.7 U	NA	2.4 U
Carbon disulfide	UG/KG	-	-	3.3 J	8.2 U	6.7 U	NA	2.2 J
Chloroform	UG/KG	12000	10000	4 U	3.3 U	2.7 U	NA	2.4 U
Chloromethane	UG/KG	-	-	9.9 U	8.2 U	6.7 U	NA	6 U
Ethylbenzene	UG/KG	NS	30000	4 U	3.3 U	2.7 U	NA	2.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	22.7 J	11.1 J	R	NA	5.4 J
Methylene chloride	UG/KG	12000	51000	4 U	3.3 U	2.7 U	NA	2.4 U
Tetrachloroethene	UG/KG	2000	5500	4 U	3.3 U	2.7 U	NA	2.4 U
Toluene	UG/KG	36000	100000	9.9 U	8.2 U	6.7 U	NA	6 U
Trichloroethene	UG/KG	2000	10000	15.9	3.0 J	2.7 U	NA	2.3 J
Vinyl chloride	UG/KG	NS	210	4 U	3.3 U	2.7 U	NA	2.4 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-L	3850-FP-S-L	3850-FP-S-L	3850-FP-S-M	3850-FP-S-M
Sample ID				3850-FP-S-L-0-6	3850-FP-S-L-6-12	3850-FP-S-L-12-24	3850-FP-S-M-0-2	3850-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	4 U	3.3 U	2.7 U	NA	2.4 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	350 U	310 U	360 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	350 U	310 U	360 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	350 U	310 U	360 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	350 U	310 U	360 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	700 U	620 U	720 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	140 U	120 U	140 U	NA
2-Nitroaniline	UG/KG	-	-	NA	700 U	620 U	720 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	700 U	620 U	720 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	350 U	310 U	360 U	NA
4-Chloroaniline	UG/KG	-	-	NA	700 U	620 U	720 U	NA
Acenaphthene	UG/KG	20000	100000	NA	17.5 J	120 U	140 U	NA
Acenaphthylene	UG/KG	NS	100000	NA	40.3 J	120 U	140 U	NA
Anthracene	UG/KG	NS	100000	NA	52.8 J	120 U	24.2 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	215	120 U	117 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	325	109 J	231	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	316	120 U	249	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	112 J	120 U	79.0 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	205	120 U	110 J	NA

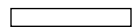
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

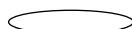
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-L	3850-FP-S-L	3850-FP-S-L	3850-FP-S-M	3850-FP-S-M
Sample ID				3850-FP-S-L-0-6	3850-FP-S-L-6-12	3850-FP-S-L-12-24	3850-FP-S-M-0-2	3850-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	350 U	310 U	360 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	350 U	146 J	191 J	NA
Butylbenzylphthalate	UG/KG	-	-	NA	350 U	310 U	360 U	NA
Carbazole	UG/KG	-	-	NA	35.8 J	120 U	23.7 J	NA
Chrysene	UG/KG	NS	1000	NA	235	120 U	148	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	140 U	120 U	188	NA
Dibenzofuran	UG/KG	NS	14000	NA	140 U	120 U	140 U	NA
Dimethylphthalate	UG/KG	-	-	NA	350 U	310 U	360 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	350 U	310 U	16.9 J	NA
Di-n-octylphthalate	UG/KG	-	-	NA	350 UJ	310 UJ	360 UJ	NA
Fluoranthene	UG/KG	NS	100000	NA	441	21.5 J	266	NA
Fluorene	UG/KG	30000	100000	NA	15.4 J	120 U	140 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	351	120 U	320	NA
Isophorone	UG/KG	-	-	NA	350 U	310 U	360 U	NA
Naphthalene	UG/KG	NS	100000	NA	140 U	120 U	140 U	NA
Nitrobenzene	UG/KG	-	-	NA	350 U	310 U	360 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	350 U	310 U	360 U	NA
Phenanthrene	UG/KG	NS	100000	NA	239	120 U	129 J	NA
Phenol	UG/KG	30000	100000	NA	350 U	310 U	360 U	NA
Pyrene	UG/KG	NS	100000	NA	459	22.3 J	255	NA

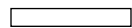
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-L	3850-FP-S-L	3850-FP-S-L	3850-FP-S-M	3850-FP-S-M
Sample ID				3850-FP-S-L-0-6	3850-FP-S-L-6-12	3850-FP-S-L-12-24	3850-FP-S-M-0-2	3850-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	44 U	43 U	46 U	NA
Aroclor 1254	UG/KG	-	-	NA	44 U	43 U	59.0 J	NA
Aroclor 1260	UG/KG	-	-	NA	1,880 D	64.2	434	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	1,880	64.2	493	NA
Metals								
Arsenic	MG/KG	13	16	NA	8.3	4.7	8.8	NA
Barium	MG/KG	433	350	NA	153	141	69.2	NA
Cadmium	MG/KG	4	2.5	NA	1.6	0.41	0.54	NA
Chromium	MG/KG	41	36	NA	33.8	15.8	16.1	NA
Lead	MG/KG	63	400	NA	31.3	10.4	24.5	NA
Mercury	MG/KG	0.18	0.81	NA	0.17	0.077	0.057	NA
Selenium	MG/KG	3.9	36	NA	1.1 U	0.98 U	1.1 U	NA
Silver	MG/KG	2	36	NA	2.1	0.20 J	0.12 J	NA

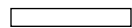
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-M	3850-FP-S-M	3950-SB-N	3950-SB-N	3950-SB-N
Sample ID				3850-FP-S-M-6-12	3850-FP-S-M-12-24	3950-SB-N-0-6	3950-SB-N-6-12	3950-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.1 U	2 U	3.2 U	2.9 U	3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.1 U	2 U	3.2 U	2.9 U	3 U
1,1-Dichloroethene	UG/KG	NS	100000	2.1 U	2 U	3.2 U	2.9 U	3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	0.79 J	2 U	3.9	2.4 J	1.7 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.1 U	2 U	3.2 U	2.9 U	3 U
2-Hexanone	UG/KG	-	-	10 U	10 U	16 U	15 U	15 U
4-Methyl-2-pentanone	UG/KG	-	-	5.2 U	5 U	8.1 U	7.4 U	7.5 U
Acetone	UG/KG	2200	100000	45.2 J	20.6 J	150 J	89.0 J	57.6 J
Benzene	UG/KG	70000	2900	0.78	1.6	0.81 U	0.74 U	0.75 U
Bromomethane	UG/KG	-	-	2.1 UJ	2 UJ	3.2 UJ	2.9 UJ	3 UJ
Carbon disulfide	UG/KG	-	-	1.3 J	0.67 J	4.2 J	0.66 J	7.5 U
Chloroform	UG/KG	12000	10000	2.1 U	2 U	3.2 U	2.9 U	3 U
Chloromethane	UG/KG	-	-	5.2 U	5 U	8.1 U	7.4 U	7.5 U
Ethylbenzene	UG/KG	NS	30000	2.1 U	2 U	3.2 U	2.9 U	3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	6.7 J	R	14.0 J	6.4 J	6.5 J
Methylene chloride	UG/KG	12000	51000	0.62 J	0.48 J	0.93 J	1.0 J	0.94 J
Tetrachloroethene	UG/KG	2000	5500	2.1 U	2 U	3.2 U	2.9 U	3 U
Toluene	UG/KG	36000	100000	5.2 U	5 U	8.1 U	7.4 U	7.5 U
Trichloroethene	UG/KG	2000	10000	2.0 J	0.33 J	10.0	7.5	3.6
Vinyl chloride	UG/KG	NS	210	2.1 U	2 U	3.2 U	2.9 U	3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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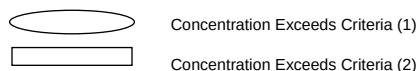
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-M	3850-FP-S-M	3950-SB-N	3950-SB-N	3950-SB-N
Sample ID				3850-FP-S-M-6-12	3850-FP-S-M-12-24	3950-SB-N-0-6	3950-SB-N-6-12	3950-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.44 J	2 U	3.2 U	2.9 U	3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
2,4-Dimethylphenol	UG/KG	-	-	640 U	600 U	710 U	700 U	690 U
2-Methylnaphthalene	UG/KG	-	-	130 U	120 U	140 U	140 U	140 U
2-Nitroaniline	UG/KG	-	-	640 U	600 U	710 U	700 U	690 U
3&4-Methylphenol	UG/KG	NS	34000	640 U	600 U	710 U	700 U	690 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
4-Chloroaniline	UG/KG	-	-	640 U	600 U	710 U	700 U	690 U
Acenaphthene	UG/KG	20000	100000	130 U	120 U	14.9 J	17.3 J	140 U
Acenaphthylene	UG/KG	NS	100000	130 U	120 U	23.1 J	23.0 J	140 U
Anthracene	UG/KG	NS	100000	130 U	120 U	45.7 J	41.4 J	33.6 J
Benzo(a)anthracene	UG/KG	NS	1000	34.7 J	31.3 J	175	168	117 J
Benzo(a)pyrene	UG/KG	2600	1000	139	134	271	266	216
Benzo(b)fluoranthene	UG/KG	NS	1000	148	139	275	261	220
Benzo(g,h,i)perylene	UG/KG	NS	100000	27.7 J	23.4 J	94.7 J	98.1 J	66.1 J
Benzo(k)fluoranthene	UG/KG	NS	1000	27.8 J	29.3 J	157	144	102 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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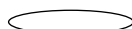
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-M	3850-FP-S-M	3950-SB-N	3950-SB-N	3950-SB-N
Sample ID				3850-FP-S-M-6-12	3850-FP-S-M-12-24	3950-SB-N-0-6	3950-SB-N-6-12	3950-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	168 J	193 J	350 U	350 U	350 U
Butylbenzylphthalate	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
Carbazole	UG/KG	-	-	130 U	120 U	34.1 J	35.1 J	23.9 J
Chrysene	UG/KG	NS	1000	36.9 J	36.4 J	183	184	128 J
Dibenz(a,h)anthracene	UG/KG	NS	330	130 U	120 U	140 U	140 U	140 U
Dibenzofuran	UG/KG	NS	14000	130 U	120 U	140 U	140 U	140 U
Dimethylphthalate	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
Di-n-butylphthalate	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
Di-n-octylphthalate	UG/KG	-	-	320 UJ	300 UJ	350 UJ	350 UJ	350 UJ
Fluoranthene	UG/KG	NS	100000	63.1 J	63.5 J	361	342	239
Fluorene	UG/KG	30000	100000	130 U	120 U	140 U	19.7 J	140 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	248	120 U	333	329	297
Isophorone	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
Naphthalene	UG/KG	NS	100000	130 U	120 U	21.4 J	18.8 J	19.9 J
Nitrobenzene	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	300 U	350 U	350 U	350 U
Phenanthrene	UG/KG	NS	100000	34.0 J	29.2 J	231	227	167
Phenol	UG/KG	30000	100000	320 U	300 U	350 U	350 U	350 U
Pyrene	UG/KG	NS	100000	68.4 J	61.3 J	358	347	240

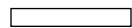
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3850-FP-S-M	3850-FP-S-M	3950-SB-N	3950-SB-N	3950-SB-N
Sample ID				3850-FP-S-M-6-12	3850-FP-S-M-12-24	3950-SB-N-0-6	3950-SB-N-6-12	3950-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/25/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	39 U	46 U	45 U	46 U
Aroclor 1254	UG/KG	-	-	43 U	39 U	46 U	45 U	46 U
Aroclor 1260	UG/KG	-	-	194	41.2	1,630 D	1,810 D	1,270 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	194	41.2	1,630	1,810	1,270
Metals								
Arsenic	MG/KG	13	16	9.5	9.9	10.6	10.8	5.3
Barium	MG/KG	433	350	66.9	63.4	75.3	76.7	91.2
Cadmium	MG/KG	4	2.5	0.37 J	0.073 J	1.7	1.7	0.41 J
Chromium	MG/KG	41	36	15.4	12.3	35.1	38.8	19.4
Lead	MG/KG	63	400	21.1	10.7	31.5	32.1	14.4
Mercury	MG/KG	0.18	0.81	0.035 J	0.019 J	0.27	0.18	0.056
Selenium	MG/KG	3.9	36	0.95 U	0.92 U	0.59 J	0.61 J	1.1 U
Silver	MG/KG	2	36	0.48 U	0.46 U	3.0	3.3	0.73

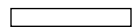
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3950-SB-S	3950-SB-S	3950-SB-S	3975-FP-S-H	3975-FP-S-H
Sample ID				3950-SB-S-0-6	3950-SB-S-6-12	3950-SB-S-12-24	3975-FP-S-H-0-2	3975-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.7 U	3.9 U	1.4 U	NA	3.6 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.7 U	3.9 U	1.4 U	NA	3.6 U
1,1-Dichloroethene	UG/KG	NS	100000	1.7 U	3.9 U	1.4 U	NA	1.8 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.3 J	8.9	2.6	NA	2.8
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.7 U	1.3 J	0.51 J	NA	1.8 U
2-Hexanone	UG/KG	-	-	8.6 U	19 U	7.2 U	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	4.3 U	9.7 U	3.6 U	NA	R
Acetone	UG/KG	2200	100000	37.1 J	97.1 J	88.3 J	NA	183 J
Benzene	UG/KG	70000	2900	0.47	0.97 U	0.36 U	NA	0.61 J
Bromomethane	UG/KG	-	-	1.7 UJ	3.9 UJ	1.4 UJ	NA	9.1 U
Carbon disulfide	UG/KG	-	-	1.9 J	3.5 J	4.7	NA	3.6 U
Chloroform	UG/KG	12000	10000	1.7 U	3.9 U	1.4 U	NA	3.6 U
Chloromethane	UG/KG	-	-	4.3 U	9.7 U	3.6 U	NA	9.1 U
Ethylbenzene	UG/KG	NS	30000	1.7 U	3.9 U	1.4 U	NA	1.8 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	8.1 J	11.9 J	12.8 J	NA	10.5 J
Methylene chloride	UG/KG	12000	51000	0.50 J	3.9 U	0.32 J	NA	9.1 U
Tetrachloroethene	UG/KG	2000	5500	1.7 U	3.9 U	1.4 U	NA	3.6 U
Toluene	UG/KG	36000	100000	0.42 J	9.7 U	3.6 U	NA	1.1 J
Trichloroethene	UG/KG	2000	10000	4.3	15.7	3.9	NA	5.1
Vinyl chloride	UG/KG	NS	210	1.7 U	1.2 J	1.4 U	NA	3.6 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3950-SB-S	3950-SB-S	3950-SB-S	3975-FP-S-H	3975-FP-S-H
Sample ID				3950-SB-S-0-6	3950-SB-S-6-12	3950-SB-S-12-24	3975-FP-S-H-0-2	3975-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.7 U	3.9 U	1.4 U	NA	0.66 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	370 U	18.7 J	19.7 J	390 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
2,4-Dimethylphenol	UG/KG	-	-	730 U	710 U	750 U	780 U	NA
2-Methylnaphthalene	UG/KG	-	-	38.8 J	123 J	130 J	160 UJ	NA
2-Nitroaniline	UG/KG	-	-	730 U	710 U	750 U	780 U	NA
3&4-Methylphenol	UG/KG	NS	34000	730 U	710 U	750 U	780 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
4-Chloroaniline	UG/KG	-	-	730 U	710 U	750 U	780 U	NA
Acenaphthene	UG/KG	20000	100000	149 J	337	189	160 U	NA
Acenaphthylene	UG/KG	NS	100000	32.6 J	63.0 J	69.8 J	160 U	NA
Anthracene	UG/KG	NS	100000	347	775	440	19.8 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	1,290	2,400	987	105 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	1,370	2,070	906	129 J	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	1,520	1,950	913	155 J	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,220	1,560	543	102 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	1,390	2,070	825	95.0 J	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3950-SB-S	3950-SB-S	3950-SB-S	3975-FP-S-H	3975-FP-S-H
Sample ID				3950-SB-S-0-6	3950-SB-S-6-12	3950-SB-S-12-24	3975-FP-S-H-0-2	3975-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	271 J	357 J	253 J	37.4 J	NA
Butylbenzylphthalate	UG/KG	-	-	329 J	360 U	380 U	390 UJ	NA
Carbazole	UG/KG	-	-	311	552	277	160 U	NA
Chrysene	UG/KG	NS	1000	1,530	2,330	946	125 J	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	455	575	336	30.9 J	NA
Dibenzofuran	UG/KG	NS	14000	98.9 J	245	190	160 U	NA
Dimethylphthalate	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
Di-n-butylphthalate	UG/KG	-	-	370 U	360 U	22.2 J	390 U	NA
Di-n-octylphthalate	UG/KG	-	-	370 UJ	360 UJ	380 UJ	390 U	NA
Fluoranthene	UG/KG	NS	100000	2,990	4,880	2,120	234	NA
Fluorene	UG/KG	30000	100000	168	313	212	160 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,260	1,710	746	85.3 J	NA
Isophorone	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
Naphthalene	UG/KG	NS	100000	70.4 J	302	316	160 U	NA
Nitrobenzene	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	370 U	360 U	380 U	390 U	NA
Phenanthrene	UG/KG	NS	100000	2,000	3,800	1,850	104 J	NA
Phenol	UG/KG	30000	100000	472	360 U	380 U	390 U	NA
Pyrene	UG/KG	NS	100000	2,810	4,440	1,940	187	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3950-SB-S	3950-SB-S	3950-SB-S	3975-FP-S-H	3975-FP-S-H
Sample ID				3950-SB-S-0-6	3950-SB-S-6-12	3950-SB-S-12-24	3975-FP-S-H-0-2	3975-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/25/16	04/25/16	04/25/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	48 U	49 U	51 U	52 U	NA
Aroclor 1254	UG/KG	-	-	447 J	1,890 DJ	2,050 DJ	32.6 J	NA
Aroclor 1260	UG/KG	-	-	959	4,170 D	8,360 D	115	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,406	6,060	10,410	147.6	NA
Metals								
Arsenic	MG/KG	13	16	3.9	4.2	8.6	3.6	NA
Barium	MG/KG	433	350	39.8	46.2	75.3	45.7	NA
Cadmium	MG/KG	4	2.5	0.76	1.6	5.0	0.46	NA
Chromium	MG/KG	41	36	32.5	57.8	103	11.7	NA
Lead	MG/KG	63	400	53.5	130	85.1	20.5	NA
Mercury	MG/KG	0.18	0.81	0.38	1.9	0.52	0.061	NA
Selenium	MG/KG	3.9	36	1.1 U	1.1 U	1.1	1 U	NA
Silver	MG/KG	2	36	1.9	4.9	12.8	0.36 J	NA

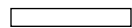
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-H	3975-FP-S-H	3975-FP-S-L	3975-FP-S-L	3975-FP-S-L
Sample ID				3975-FP-S-H-6-12	3975-FP-S-H-12-24	3975-FP-S-L-0-2	3975-FP-S-L-0-6	3975-FP-S-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/28/16	04/28/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	2.6 U	NA	2.2 U	0.41 J
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 U	2.6 U	NA	2.2 UJ	1.3 UJ
1,1-Dichloroethene	UG/KG	NS	100000	1.3 U	1.3 U	NA	2.2 U	1.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.0 J	1.3 U	NA	3.4	1.8
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.3 U	1.3 U	NA	2.2 U	1.3 U
2-Hexanone	UG/KG	-	-	R	R	NA	11 U	6.3 U
4-Methyl-2-pentanone	UG/KG	-	-	R	R	NA	5.5 U	3.1 U
Acetone	UG/KG	2200	100000	31.2 J	58.0 J	NA	131 J	67.4 J
Benzene	UG/KG	70000	2900	0.57 J	0.65 U	NA	0.50 J	0.31 U
Bromomethane	UG/KG	-	-	6.4 U	6.5 U	NA	2.2 UJ	1.3 UJ
Carbon disulfide	UG/KG	-	-	2.5 U	0.69 J	NA	1.1 J	0.83 J
Chloroform	UG/KG	12000	10000	2.5 U	2.6 U	NA	2.2 U	1.3 U
Chloromethane	UG/KG	-	-	6.4 U	6.5 U	NA	5.5 U	3.1 U
Ethylbenzene	UG/KG	NS	30000	1.3 U	1.3 U	NA	2.2 U	1.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	2.6 J	NA	12.0 J	5.4 J
Methylene chloride	UG/KG	12000	51000	6.4 U	6.5 U	NA	2.2 U	1.3 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	2.6 U	NA	2.2 U	1.3 U
Toluene	UG/KG	36000	100000	0.61 J	0.26 J	NA	0.66 J	3.1 U
Trichloroethene	UG/KG	2000	10000	1.4	1.3 U	NA	12.2	5.3
Vinyl chloride	UG/KG	NS	210	2.5 U	2.6 U	NA	2.2 U	1.3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

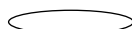
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-H	3975-FP-S-H	3975-FP-S-L	3975-FP-S-L	3975-FP-S-L
Sample ID				3975-FP-S-H-6-12	3975-FP-S-H-12-24	3975-FP-S-L-0-2	3975-FP-S-L-0-6	3975-FP-S-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/28/16	04/28/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.37 J	1.3 U	NA	2.2 U	1.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
1,2-Dichlorobenzene	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
1,3-Dichlorobenzene	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
1,4-Dichlorobenzene	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
2,4-Dimethylphenol	UG/KG	-	-	700 U	640 U	740 U	730 U	680 U
2-Methylnaphthalene	UG/KG	-	-	140 UJ	130 UJ	68.7 J	61.1 J	67.8 J
2-Nitroaniline	UG/KG	-	-	700 U	640 U	740 U	730 U	680 U
3&4-Methylphenol	UG/KG	NS	34000	700 U	640 U	73.7 J	730 U	680 U
4-Bromophenyl-phenylether	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
4-Chloroaniline	UG/KG	-	-	700 U	640 U	740 U	35.1 J	680 U
Acenaphthene	UG/KG	20000	100000	140 U	130 U	270	236	209
Acenaphthylene	UG/KG	NS	100000	140 U	130 U	79.2 J	69.2 J	88.8 J
Anthracene	UG/KG	NS	100000	140 U	130 U	585	522	489
Benzo(a)anthracene	UG/KG	NS	1000	48.5 J	34.5 J	2,330	2,120	1,780
Benzo(a)pyrene	UG/KG	2600	1000	53.1 J	31.9 J	2,230	2,020	1,620
Benzo(b)fluoranthene	UG/KG	NS	1000	59.8 J	39.4 J	2,440	2,100	1,640
Benzo(g,h,i)perylene	UG/KG	NS	100000	44.7 J	20.5 J	1,730	1,480	1,000
Benzo(k)fluoranthene	UG/KG	NS	1000	36.3 J	130 U	2,220	2,050	1,560

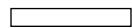
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-H	3975-FP-S-H	3975-FP-S-L	3975-FP-S-L	3975-FP-S-L
Sample ID				3975-FP-S-H-6-12	3975-FP-S-H-12-24	3975-FP-S-L-0-2	3975-FP-S-L-0-6	3975-FP-S-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/28/16	04/28/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	350 U	320 U	394	346 J	389
Butylbenzylphthalate	UG/KG	-	-	350 UJ	320 UJ	370 U	370 U	340 U
Carbazole	UG/KG	-	-	140 U	130 U	480	446	366
Chrysene	UG/KG	NS	1000	49.5 J	29.1 J	2,490	2,270	1,790
Dibenz(a,h)anthracene	UG/KG	NS	330	140 U	130 U	635	575	455
Dibenzofuran	UG/KG	NS	14000	140 U	130 U	162	144 J	125 J
Dimethylphthalate	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
Di-n-butylphthalate	UG/KG	-	-	350 U	320 U	25.8 J	27.6 J	33.0 J
Di-n-octylphthalate	UG/KG	-	-	350 U	320 U	370 UJ	370 UJ	340 UJ
Fluoranthene	UG/KG	NS	100000	105 J	60.0 J	4,970	4,500	3,740
Fluorene	UG/KG	30000	100000	140 U	130 U	255	231	211
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	140 U	130 U	1,770	1,550	1,130
Isophorone	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
Naphthalene	UG/KG	NS	100000	140 U	130 U	126 J	112 J	108 J
Nitrobenzene	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	350 U	320 U	370 U	370 U	340 U
Phenanthrene	UG/KG	NS	100000	46.8 J	30.7 J	3,090	2,860	2,440
Phenol	UG/KG	30000	100000	350 U	320 U	54.4 J	340 J	340 U
Pyrene	UG/KG	NS	100000	81.4 J	50.9 J	4,450	4,100	3,340

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-H	3975-FP-S-H	3975-FP-S-L	3975-FP-S-L	3975-FP-S-L
Sample ID				3975-FP-S-H-6-12	3975-FP-S-H-12-24	3975-FP-S-L-0-2	3975-FP-S-L-0-6	3975-FP-S-L-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/28/16	04/28/16	04/25/16	04/25/16	04/25/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	47 U	42 U	50 U	48 U	45 U
Aroclor 1254	UG/KG	-	-	25.3 J	42 U	352 J	323 J	45 U
Aroclor 1260	UG/KG	-	-	87.7	79.8	3,590 D	2,940 D	4,840 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	113	79.8	3,942	3,263	4,840
Metals								
Arsenic	MG/KG	13	16	5.2	7.3	8.0	7.8	9.8
Barium	MG/KG	433	350	54.1	75.9	69.2	68.3	70.2
Cadmium	MG/KG	4	2.5	0.41 J	0.84	2.0	2.0	2.3
Chromium	MG/KG	41	36	15.1	15.5	53.3	49.8	56.6
Lead	MG/KG	63	400	26.5	11.9	90.9	85.7	78.8
Mercury	MG/KG	0.18	0.81	0.052	0.046	0.39	0.39	0.42
Selenium	MG/KG	3.9	36	1.1 U	0.97 U	0.50 J	0.46 J	0.49 J
Silver	MG/KG	2	36	0.42 J	0.49 U	3.4	3.3	4.5

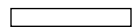
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-L	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M
Sample ID				3975-FP-S-L-12-24	3975-FP-S-M-0-2	3975-FP-S-M-0-6	3975-FP-S-M-6-12	3975-FP-S-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.6 U	NA	4.3 U	3.9 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.6 U	NA	4.3 U	3.9 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	2.6 U	NA	2.2 U	1.9 U	0.93 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	6.1	NA	4.6	3.5	0.93 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.6 U	NA	2.2 U	1.9 U	0.93 U
2-Hexanone	UG/KG	-	-	13 U	NA	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	6.4 U	NA	R	R	R
Acetone	UG/KG	2200	100000	139 J	NA	148 J	117 J	45.6 J
Benzene	UG/KG	70000	2900	0.64 U	NA	0.86 J	0.74 J	0.47
Bromomethane	UG/KG	-	-	0.72 J	NA	11 U	9.7 U	4.7 U
Carbon disulfide	UG/KG	-	-	8.2	NA	0.83 J	0.84 J	0.37 J
Chloroform	UG/KG	12000	10000	2.6 U	NA	4.3 U	3.9 U	1.9 U
Chloromethane	UG/KG	-	-	6.4 U	NA	11 U	9.7 U	4.7 U
Ethylbenzene	UG/KG	NS	30000	2.6 U	NA	2.2 U	1.9 U	0.93 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	13.4 J	NA	9.6 J	19.8 J	6.2 J
Methylene chloride	UG/KG	12000	51000	0.68 J	NA	11 U	9.7 U	4.7 U
Tetrachloroethene	UG/KG	2000	5500	2.6 U	NA	4.3 U	3.9 U	1.9 U
Toluene	UG/KG	36000	100000	6.4 U	NA	1.6 J	2.1	0.47 J
Trichloroethene	UG/KG	2000	10000	13.4	NA	15.1	11.8	0.93 U
Vinyl chloride	UG/KG	NS	210	1.1 J	NA	4.3 U	3.9 U	1.9 U

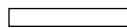
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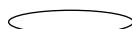
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-L	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M
Sample ID				3975-FP-S-L-12-24	3975-FP-S-M-0-2	3975-FP-S-M-0-6	3975-FP-S-M-6-12	3975-FP-S-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.54 J	NA	1.2 J	0.89 J	0.26 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
1,2-Dichlorobenzene	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
1,3-Dichlorobenzene	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
1,4-Dichlorobenzene	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
2,4-Dimethylphenol	UG/KG	-	-	670 U	850 U	NA	870 U	590 U
2-Methylnaphthalene	UG/KG	-	-	16.5 J	170 UJ	NA	170 UJ	120 UJ
2-Nitroaniline	UG/KG	-	-	670 U	850 U	NA	870 U	590 U
3&4-Methylphenol	UG/KG	NS	34000	670 U	850 U	NA	870 U	590 U
4-Bromophenyl-phenylether	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
4-Chloroaniline	UG/KG	-	-	670 U	850 U	NA	870 U	590 U
Acenaphthene	UG/KG	20000	100000	32.5 J	80.7 J	NA	67.2 J	120 U
Acenaphthylene	UG/KG	NS	100000	26.8 J	170 U	NA	22.6 J	120 U
Anthracene	UG/KG	NS	100000	83.4 J	220	NA	185	120 U
Benzo(a)anthracene	UG/KG	NS	1000	308	1,120	NA	879	32.3 J
Benzo(a)pyrene	UG/KG	2600	1000	381	1,310	NA	976	30.8 J
Benzo(b)fluoranthene	UG/KG	NS	1000	387	1,420	NA	1,080	33.2 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	177	912	NA	658	18.4 J
Benzo(k)fluoranthene	UG/KG	NS	1000	246	1,200	NA	782	22.9 J

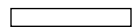
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-L	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M
Sample ID				3975-FP-S-L-12-24	3975-FP-S-M-0-2	3975-FP-S-M-0-6	3975-FP-S-M-6-12	3975-FP-S-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	265 J	129 J	NA	127 J	300 U
Butylbenzylphthalate	UG/KG	-	-	340 U	73.4 J	NA	50.3 J	300 UJ
Carbazole	UG/KG	-	-	70.9 J	181	NA	151 J	120 U
Chrysene	UG/KG	NS	1000	323	1,350	NA	995	32.5 J
Dibenz(a,h)anthracene	UG/KG	NS	330	201	311	NA	237	120 U
Dibenzofuran	UG/KG	NS	14000	23.7 J	50.8 J	NA	43.4 J	120 U
Dimethylphthalate	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
Di-n-butylphthalate	UG/KG	-	-	340 U	430 U	NA	20.1 J	300 U
Di-n-octylphthalate	UG/KG	-	-	340 UJ	430 U	NA	440 U	300 U
Fluoranthene	UG/KG	NS	100000	700	2,580	NA	1,850	59.4 J
Fluorene	UG/KG	30000	100000	38.0 J	80.4 J	NA	70.4 J	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	395	834	NA	615	120 U
Isophorone	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
Naphthalene	UG/KG	NS	100000	31.4 J	42.6 J	NA	32.8 J	120 U
Nitrobenzene	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 U	430 U	NA	440 U	300 U
Phenanthrene	UG/KG	NS	100000	446	1,140	NA	898	35.4 J
Phenol	UG/KG	30000	100000	340 U	430 U	NA	440 U	300 U
Pyrene	UG/KG	NS	100000	603	1,880	NA	1,440	54.7 J

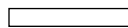
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				3975-FP-S-L	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M	3975-FP-S-M
Sample ID				3975-FP-S-L-12-24	3975-FP-S-M-0-2	3975-FP-S-M-0-6	3975-FP-S-M-6-12	3975-FP-S-M-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/25/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	58 U	NA	58 U	39 U
Aroclor 1254	UG/KG	-	-	46 U	248 NJ	NA	342	25.8 NJ
Aroclor 1260	UG/KG	-	-	1,790 D	774	NA	764	123
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,790	1,022	NA	1,106	148.8
Metals								
Arsenic	MG/KG	13	16	8.4	6.8	NA	9.4	8.0
Barium	MG/KG	433	350	72.1	69.9	NA	76.9	60.2
Cadmium	MG/KG	4	2.5	1.1	1.1	NA	1.0	0.087 J
Chromium	MG/KG	41	36	31.1	35.4	NA	40.1	12.0
Lead	MG/KG	63	400	33.2	64.7	NA	70.9	9.7
Mercury	MG/KG	0.18	0.81	0.16	0.24	NA	0.27	0.021 J
Selenium	MG/KG	3.9	36	0.31 J	0.87 J	NA	1.3 U	0.87 U
Silver	MG/KG	2	36	2.2	2.0	NA	1.9	0.43 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4000-C	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H
Sample ID				4000-C-1.0-1.5	4100-FP-N-H-0-2	4100-FP-N-H-0-6	4100-FP-N-H-6-12	4100-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.2	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	3.5 U	2.9 U	2.5 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	3.5 U	2.9 U	2.5 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	1.8 U	1.4 U	1.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	5.8 J	3.5 J	1.3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	1.8 U	1.4 U	1.3 U
2-Hexanone	UG/KG	-	-	NA	NA	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	8.8 U	7.2 U	6.4 U
Acetone	UG/KG	2200	100000	NA	NA	267 J	124 J	110
Benzene	UG/KG	70000	2900	NA	NA	0.58 J	0.37 J	0.34 J
Bromomethane	UG/KG	-	-	NA	NA	8.8 U	7.2 U	6.4 U
Carbon disulfide	UG/KG	-	-	NA	NA	2.4 J	0.92 J	0.69 J
Chloroform	UG/KG	12000	10000	NA	NA	3.5 U	2.9 U	2.5 U
Chloromethane	UG/KG	-	-	NA	NA	8.8 U	7.2 U	6.4 U
Ethylbenzene	UG/KG	NS	30000	NA	NA	1.8 U	1.4 U	1.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	33.8 J	14.2 J	11.4 J
Methylene chloride	UG/KG	12000	51000	NA	NA	8.8 U	7.2 U	6.4 U
Tetrachloroethene	UG/KG	2000	5500	NA	NA	3.5 U	2.9 U	2.5 U
Toluene	UG/KG	36000	100000	NA	NA	0.92 J	0.46 J	0.71 J
Trichloroethene	UG/KG	2000	10000	NA	NA	18.0 J	10.8 J	1.7 J
Vinyl chloride	UG/KG	NS	210	NA	NA	0.73 J	2.9 U	2.5 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4000-C	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H
Sample ID				4000-C-1.0-1.5	4100-FP-N-H-0-2	4100-FP-N-H-0-6	4100-FP-N-H-6-12	4100-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.2	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	0.79 J	1.4 U	1.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	420 U	NA	380 U	360 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	420 U	NA	380 U	360 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	420 U	NA	380 U	360 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	420 U	NA	380 U	360 U
2,4-Dimethylphenol	UG/KG	-	-	NA	850 U	NA	760 U	730 U
2-Methylnaphthalene	UG/KG	-	-	NA	170 U	NA	18.7 J	150 U
2-Nitroaniline	UG/KG	-	-	NA	850 U	NA	760 U	730 U
3&4-Methylphenol	UG/KG	NS	34000	NA	850 U	NA	760 U	730 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	420 U	NA	380 U	360 U
4-Chloroaniline	UG/KG	-	-	NA	850 U	NA	760 U	730 U
Acenaphthene	UG/KG	20000	100000	NA	22.2 J	NA	37.5 J	150 U
Acenaphthylene	UG/KG	NS	100000	NA	64.8 J	NA	116 J	150 U
Anthracene	UG/KG	NS	100000	NA	66.2 J	NA	125 J	150 U
Benzo(a)anthracene	UG/KG	NS	1000	NA	280	NA	463	23.3 J
Benzo(a)pyrene	UG/KG	2600	1000	NA	293	NA	435	150 U
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	271	NA	437	150 U
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	280	NA	362	150 U
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	273	NA	376	150 U

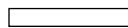
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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

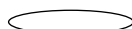
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4000-C	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H
Sample ID				4000-C-1.0-1.5	4100-FP-N-H-0-2	4100-FP-N-H-0-6	4100-FP-N-H-6-12	4100-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.2	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	420 U	NA	380 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	111 J	NA	146 J	360 U
Butylbenzylphthalate	UG/KG	-	-	NA	420 UJ	NA	380 UJ	360 UJ
Carbazole	UG/KG	-	-	NA	49.8 J	NA	81.4 J	150 U
Chrysene	UG/KG	NS	1000	NA	348	NA	520	23.8 J
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	180	NA	196	150 U
Dibenzofuran	UG/KG	NS	14000	NA	170 U	NA	18.1 J	150 U
Dimethylphthalate	UG/KG	-	-	NA	420 U	NA	380 U	360 U
Di-n-butylphthalate	UG/KG	-	-	NA	420 U	NA	380 U	360 U
Di-n-octylphthalate	UG/KG	-	-	NA	420 U	NA	380 U	360 U
Fluoranthene	UG/KG	NS	100000	NA	525	NA	971	42.6 J
Fluorene	UG/KG	30000	100000	NA	25.6 J	NA	31.3 J	150 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	356	NA	446	150 U
Isophorone	UG/KG	-	-	NA	420 U	NA	380 U	360 U
Naphthalene	UG/KG	NS	100000	NA	23.7 J	NA	35.2 J	150 U
Nitrobenzene	UG/KG	-	-	NA	420 U	NA	380 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	420 U	NA	380 U	360 U
Phenanthrene	UG/KG	NS	100000	NA	271	NA	459	25.3 J
Phenol	UG/KG	30000	100000	NA	420 U	NA	380 U	360 U
Pyrene	UG/KG	NS	100000	NA	537	NA	864	42.5 J

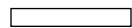
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4000-C	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H	4100-FP-N-H
Sample ID				4000-C-1.0-1.5	4100-FP-N-H-0-2	4100-FP-N-H-0-6	4100-FP-N-H-6-12	4100-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.2	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	55 U	NA	50 U	46 U
Aroclor 1254	UG/KG	-	-	43 U	126	NA	141	46 U
Aroclor 1260	UG/KG	-	-	43 U	409	NA	358	30.3 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	43 U	535	NA	499	30.3
Metals								
Arsenic	MG/KG	13	16	NA	7.5	NA	7.0	5.0 J
Barium	MG/KG	433	350	NA	91.1	NA	76.1	82.5
Cadmium	MG/KG	4	2.5	NA	1.0	NA	0.95	0.13 J
Chromium	MG/KG	41	36	NA	27.2	NA	26.3	16.4
Lead	MG/KG	63	400	NA	183	NA	124	16.5 J
Mercury	MG/KG	0.18	0.81	NA	0.16	NA	0.17	0.10
Selenium	MG/KG	3.9	36	NA	1.3 U	NA	1.2 U	0.96 U
Silver	MG/KG	2	36	NA	0.31 J	NA	0.28 J	0.48 U

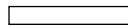
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

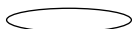
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-H	4100-FP-N-L	4100-FP-N-L	4100-FP-N-L	4100-FP-N-L
Sample ID				DUP-6	4100-FP-N-L-0-2	4100-FP-N-L-0-6	4100-FP-N-L-6-12	4100-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.8 U	NA	0.86 J	2.6 U	3.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.8 U	NA	2.8 U	2.6 U	3.2 U
1,1-Dichloroethene	UG/KG	NS	100000	1.4 U	NA	1.4 U	1.3 U	1.6 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.5	NA	9.7	7.8	3.5
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.4 U	NA	1.4 U	1.3 U	1.6 U
2-Hexanone	UG/KG	-	-	R	NA	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	7.0 U	NA	7.0 U	6.4 U	7.9 U
Acetone	UG/KG	2200	100000	159	NA	199	117	209
Benzene	UG/KG	70000	2900	0.44 J	NA	0.51 J	0.28 J	0.45 J
Bromomethane	UG/KG	-	-	7.0 U	NA	7.0 U	6.4 U	7.9 U
Carbon disulfide	UG/KG	-	-	0.63 J	NA	1.5 J	3.1	4.2
Chloroform	UG/KG	12000	10000	2.8 U	NA	2.8 U	2.6 U	3.2 U
Chloromethane	UG/KG	-	-	7.0 U	NA	7.0 U	6.4 U	7.9 U
Ethylbenzene	UG/KG	NS	30000	1.4 U	NA	1.4 U	1.3 U	1.6 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	15.2 J	NA	43.4 J	12.0 J	20.6 J
Methylene chloride	UG/KG	12000	51000	7.0 U	NA	7.0 U	6.4 U	7.9 U
Tetrachloroethene	UG/KG	2000	5500	2.8 U	NA	2.8 U	2.6 U	3.2 U
Toluene	UG/KG	36000	100000	0.73 J	NA	0.90 J	0.53 J	0.51 J
Trichloroethene	UG/KG	2000	10000	5.4 J	NA	23.7	12.5	8.2
Vinyl chloride	UG/KG	NS	210	2.8 U	NA	2.8 U	0.51 J	3.2 U

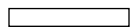
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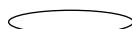
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-H	4100-FP-N-L	4100-FP-N-L	4100-FP-N-L	4100-FP-N-L
Sample ID				DUP-6	4100-FP-N-L-0-2	4100-FP-N-L-0-6	4100-FP-N-L-6-12	4100-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.4 U	NA	0.65 J	1.3 U	1.6 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
1,2-Dichlorobenzene	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
1,3-Dichlorobenzene	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
1,4-Dichlorobenzene	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
2,4-Dimethylphenol	UG/KG	-	-	740 U	3,900 U	NA	680 U	680 U
2-Methylnaphthalene	UG/KG	-	-	150 U	780 UJ	NA	92.8 J	44.0 J
2-Nitroaniline	UG/KG	-	-	740 U	3,900 U	NA	680 U	680 U
3&4-Methylphenol	UG/KG	NS	34000	740 U	3,900 U	NA	680 U	680 U
4-Bromophenyl-phenylether	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
4-Chloroaniline	UG/KG	-	-	740 U	3,900 U	NA	680 U	680 U
Acenaphthene	UG/KG	20000	100000	150 U	465 J	NA	319	107 J
Acenaphthylene	UG/KG	NS	100000	37.3 J	780 U	NA	65.2 J	75.0 J
Anthracene	UG/KG	NS	100000	32.9 J	1,060	NA	710	267
Benzo(a)anthracene	UG/KG	NS	1000	117 J	3,250	NA	1,970	852
Benzo(a)pyrene	UG/KG	2600	1000	122 J	3,440	NA	1,910	950
Benzo(b)fluoranthene	UG/KG	NS	1000	115 J	3,720	NA	1,700	967
Benzo(g,h,i)perylene	UG/KG	NS	100000	130 J	2,290	NA	1,060	589
Benzo(k)fluoranthene	UG/KG	NS	1000	95.3 J	2,980	NA	1,610	747

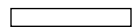
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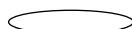
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SOIL ANALYTICAL RESULTS
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Sample ID				DUP-6	4100-FP-N-L-0-2	4100-FP-N-L-0-6	4100-FP-N-L-6-12	4100-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	370 U	194 J	NA	91.5 J	116 J
Butylbenzylphthalate	UG/KG	-	-	370 UJ	2,000 UJ	NA	340 UJ	340 UJ
Carbazole	UG/KG	-	-	19.3 J	736 J	NA	458	200
Chrysene	UG/KG	NS	1000	129 J	3,560	NA	2,040	958
Dibenz(a,h)anthracene	UG/KG	NS	330	150 U	779 J	NA	421	220
Dibenzofuran	UG/KG	NS	14000	150 U	312 J	NA	213	97.4 J
Dimethylphthalate	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
Di-n-butylphthalate	UG/KG	-	-	370 U	2,000 U	NA	17.7 J	340 U
Di-n-octylphthalate	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
Fluoranthene	UG/KG	NS	100000	219 J	8,020	NA	5,070	2,050
Fluorene	UG/KG	30000	100000	150 U	446 J	NA	300	111 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	204	2,060	NA	1,020	548
Isophorone	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
Naphthalene	UG/KG	NS	100000	150 U	264 J	NA	174	83.2 J
Nitrobenzene	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	370 U	2,000 U	NA	340 U	340 U
Phenanthrene	UG/KG	NS	100000	116 J	5,020	NA	3,650	1,510
Phenol	UG/KG	30000	100000	370 U	2,000 U	NA	340 U	340 U
Pyrene	UG/KG	NS	100000	223 J	5,440	NA	3,360	1,660

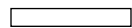
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-H	4100-FP-N-L	4100-FP-N-L	4100-FP-N-L	4100-FP-N-L
Sample ID				DUP-6	4100-FP-N-L-0-2	4100-FP-N-L-0-6	4100-FP-N-L-6-12	4100-FP-N-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	49 U	52 U	NA	46 U	46 U
Aroclor 1254	UG/KG	-	-	66.8	523 NJ	NA	46 U	46 U
Aroclor 1260	UG/KG	-	-	174 J	1,760 D	NA	4,840 D	3,450 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	240.8	2,283	NA	4,840	3,450
Metals								
Arsenic	MG/KG	13	16	9.0 J	4.8	NA	9.7	12.5
Barium	MG/KG	433	350	102	63.1	NA	72.3	82.2
Cadmium	MG/KG	4	2.5	0.46 J	1.9	NA	3.3	4.3
Chromium	MG/KG	41	36	20.6	37.4	NA	58.4	63.8
Lead	MG/KG	63	400	40.6 J	61.1	NA	73.5	51.5
Mercury	MG/KG	0.18	0.81	0.12	0.27	NA	0.57	0.23
Selenium	MG/KG	3.9	36	1.2 U	1.4 U	NA	1.1 U	0.78 U
Silver	MG/KG	2	36	0.61 U	1.8	NA	5.3	9.0

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-S-H
Sample ID				4100-FP-N-M-0-2	4100-FP-N-M-0-6	4100-FP-N-M-6-12	4100-FP-N-M-12-24	4100-FP-S-H-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	3.8 U	3.4 U	2.4 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	3.8 U	3.4 U	2.4 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	1.9 U	1.7 U	1.2 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	6.9	6.6	1.1 J	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	1.9 U	1.7 U	1.2 U	NA
2-Hexanone	UG/KG	-	-	NA	R	R	R	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	9.6 U	8.6 U	6.0 U	NA
Acetone	UG/KG	2200	100000	NA	147	226	128	NA
Benzene	UG/KG	70000	2900	NA	0.64 J	0.41 J	0.60 U	NA
Bromomethane	UG/KG	-	-	NA	9.6 U	8.6 U	6.0 U	NA
Carbon disulfide	UG/KG	-	-	NA	2.6 J	2.7 J	0.48 J	NA
Chloroform	UG/KG	12000	10000	NA	3.8 U	3.4 U	2.4 U	NA
Chloromethane	UG/KG	-	-	NA	9.6 U	8.6 U	6.0 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	1.9 U	1.7 U	1.2 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	24.5 J	27.1 J	7.1 J	NA
Methylene chloride	UG/KG	12000	51000	NA	9.6 U	8.6 U	6.0 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	3.8 U	3.4 U	2.4 U	NA
Toluene	UG/KG	36000	100000	NA	0.83 J	0.52 J	0.31 J	NA
Trichloroethene	UG/KG	2000	10000	NA	20.9	10.1	2.8	NA
Vinyl chloride	UG/KG	NS	210	NA	0.74 J	0.54 J	2.4 U	NA

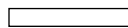
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-S-H
Sample ID				4100-FP-N-M-0-2	4100-FP-N-M-0-6	4100-FP-N-M-6-12	4100-FP-N-M-12-24	4100-FP-S-H-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	1.9 U	1.7 U	1.2 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
1,2-Dichlorobenzene	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
1,3-Dichlorobenzene	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
1,4-Dichlorobenzene	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
2,4-Dimethylphenol	UG/KG	-	-	4,800 U	NA	790 U	680 U	820 U
2-Methylnaphthalene	UG/KG	-	-	950 UJ	NA	34.4 J	140 U	160 UJ
2-Nitroaniline	UG/KG	-	-	4,800 U	NA	790 U	680 U	820 U
3&4-Methylphenol	UG/KG	NS	34000	4,800 U	NA	790 U	680 U	820 U
4-Bromophenyl-phenylether	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
4-Chloroaniline	UG/KG	-	-	4,800 U	NA	790 U	680 U	820 U
Acenaphthene	UG/KG	20000	100000	950 U	NA	86.3 J	24.9 J	160 U
Acenaphthylene	UG/KG	NS	100000	950 U	NA	136 J	32.6 J	160 U
Anthracene	UG/KG	NS	100000	293 J	NA	252	53.8 J	36.3 J
Benzo(a)anthracene	UG/KG	NS	1000	1,320	NA	961	227	146 J
Benzo(a)pyrene	UG/KG	2600	1000	1,600	NA	963	247	174
Benzo(b)fluoranthene	UG/KG	NS	1000	1,880	NA	940	228	196
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,150	NA	674	207	123 J
Benzo(k)fluoranthene	UG/KG	NS	1000	1,350	NA	776	202	135 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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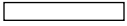
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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-S-H
Sample ID				4100-FP-N-M-0-2	4100-FP-N-M-0-6	4100-FP-N-M-6-12	4100-FP-N-M-12-24	4100-FP-S-H-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	208 J	NA	214 J	89.7 J	410 U
Butylbenzylphthalate	UG/KG	-	-	2,400 UJ	NA	62.3 J	340 UJ	410 UJ
Carbazole	UG/KG	-	-	244 J	NA	205	51.8 J	160 U
Chrysene	UG/KG	NS	1000	1,640	NA	1,050	252	170
Dibenz(a,h)anthracene	UG/KG	NS	330	324 J	NA	276	144	47.0 J
Dibenzofuran	UG/KG	NS	14000	950 U	NA	49.5 J	15.5 J	160 U
Dimethylphthalate	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
Di-n-butylphthalate	UG/KG	-	-	2,400 U	NA	32.6 J	16.3 J	410 U
Di-n-octylphthalate	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
Fluoranthene	UG/KG	NS	100000	3,060	NA	1,970	464	315
Fluorene	UG/KG	30000	100000	950 U	NA	75.8 J	29.2 J	160 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,100	NA	914	258	112 J
Isophorone	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
Naphthalene	UG/KG	NS	100000	950 U	NA	65.6 J	25.2 J	160 U
Nitrobenzene	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	2,400 U	NA	390 U	340 U	410 U
Phenanthrene	UG/KG	NS	100000	1,330	NA	1,120	258	144 J
Phenol	UG/KG	30000	100000	2,400 U	NA	390 U	340 U	410 U
Pyrene	UG/KG	NS	100000	2,210	NA	1,570	445	269

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

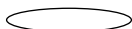
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-N-M	4100-FP-S-H
Sample ID				4100-FP-N-M-0-2	4100-FP-N-M-0-6	4100-FP-N-M-6-12	4100-FP-N-M-12-24	4100-FP-S-H-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	64 U	NA	52 UJ	45 U	55 U
Aroclor 1254	UG/KG	-	-	290	NA	495 J	185	136
Aroclor 1260	UG/KG	-	-	601	NA	1,280 DJ	647	278
Total Polychlorinated Biphenyls	UG/KG	1000	1000	891	NA	1,775	832	414
Metals								
Arsenic	MG/KG	13	16	7.2	NA	10.5	7.1	5.5
Barium	MG/KG	433	350	99.1	NA	109	105	57.9
Cadmium	MG/KG	4	2.5	2.6	NA	2.8	0.71	0.63
Chromium	MG/KG	41	36	44.1	NA	58.4	22.6	19.1
Lead	MG/KG	63	400	93.6	NA	126	27.6	48.3
Mercury	MG/KG	0.18	0.81	0.25	NA	0.41	0.15	0.079
Selenium	MG/KG	3.9	36	1.3 U	NA	1.2 U	1 U	1 U
Silver	MG/KG	2	36	1.5	NA	2.2	0.52 U	0.45 J

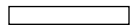
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-H	4100-FP-S-H	4100-FP-S-H	4100-FP-S-L	4100-FP-S-L
Sample ID				4100-FP-S-H-0-6	4100-FP-S-H-6-12	4100-FP-S-H-12-24	4100-FP-S-L-0-2	4100-FP-S-L-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	4.0 U	3.7 U	2.7 U	NA	6.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	4.0 U	3.7 U	2.7 U	NA	6.1 U
1,1-Dichloroethene	UG/KG	NS	100000	2.0 U	1.8 U	1.3 U	NA	3.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.3	2.4	1.3 U	NA	7.5
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.0 U	1.8 U	1.3 U	NA	3.1 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	9.9 U	9.1 U	6.7 U	NA	R
Acetone	UG/KG	2200	100000	81.1	59.5	71.4	NA	198 J
Benzene	UG/KG	70000	2900	0.68 J	0.62 J	0.23 J	NA	1.1 J
Bromomethane	UG/KG	-	-	9.9 U	9.1 U	6.7 U	NA	15 U
Carbon disulfide	UG/KG	-	-	4.0 U	0.45 J	0.94 J	NA	2.1 J
Chloroform	UG/KG	12000	10000	4.0 U	3.7 U	2.7 U	NA	6.1 U
Chloromethane	UG/KG	-	-	9.9 U	9.1 U	6.7 U	NA	15 U
Ethylbenzene	UG/KG	NS	30000	2.0 U	1.8 U	1.3 U	NA	3.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	8.9 J	7.6 J	8.5 J	NA	8.0 J
Methylene chloride	UG/KG	12000	51000	9.9 U	9.1 U	6.7 U	NA	15 U
Tetrachloroethene	UG/KG	2000	5500	4.0 U	3.7 U	2.7 U	NA	6.1 U
Toluene	UG/KG	36000	100000	1.1 J	1.1 J	1.3 U	NA	2.0 J
Trichloroethene	UG/KG	2000	10000	5.4	5.4	0.34 J	NA	14.8
Vinyl chloride	UG/KG	NS	210	4.0 U	3.7 U	2.7 U	NA	6.1 U

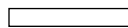
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-H	4100-FP-S-H	4100-FP-S-H	4100-FP-S-L	4100-FP-S-L
Sample ID				4100-FP-S-H-0-6	4100-FP-S-H-6-12	4100-FP-S-H-12-24	4100-FP-S-L-0-2	4100-FP-S-L-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.0 U	1.8 U	1.3 U	NA	3.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	380 U	330 U	470 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	380 U	330 U	470 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	380 U	330 U	470 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	380 U	330 U	470 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	760 U	660 U	930 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	150 UJ	130 UJ	190 UJ	NA
2-Nitroaniline	UG/KG	-	-	NA	760 U	660 U	930 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	760 U	660 U	930 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	380 U	330 U	470 U	NA
4-Chloroaniline	UG/KG	-	-	NA	760 U	660 U	930 U	NA
Acenaphthene	UG/KG	20000	100000	NA	150 U	130 U	91.2 J	NA
Acenaphthylene	UG/KG	NS	100000	NA	150 U	130 U	190 U	NA
Anthracene	UG/KG	NS	100000	NA	29.0 J	130 U	214	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	112 J	37.0 J	1,080	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	119 J	33.3 J	1,280	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	76.0 J	35.3 J	1,520	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	81.4 J	24.6 J	991	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	133 J	25.0 J	972	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-H	4100-FP-S-H	4100-FP-S-H	4100-FP-S-L	4100-FP-S-L
Sample ID				4100-FP-S-H-0-6	4100-FP-S-H-6-12	4100-FP-S-H-12-24	4100-FP-S-L-0-2	4100-FP-S-L-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	380 U	330 U	470 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	380 U	330 U	155 J	NA
Butylbenzylphthalate	UG/KG	-	-	NA	380 UJ	330 UJ	470 UJ	NA
Carbazole	UG/KG	-	-	NA	24.4 J	130 U	187 J	NA
Chrysene	UG/KG	NS	1000	NA	127 J	36.4 J	1,270	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	150 U	130 U	342	NA
Dibenzofuran	UG/KG	NS	14000	NA	150 U	130 U	67.5 J	NA
Dimethylphthalate	UG/KG	-	-	NA	380 U	330 U	470 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	380 U	330 U	470 U	NA
Di-n-octylphthalate	UG/KG	-	-	NA	380 U	330 U	470 U	NA
Fluoranthene	UG/KG	NS	100000	NA	239	72.4 J	2,400	NA
Fluorene	UG/KG	30000	100000	NA	150 U	130 U	90.2 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	81.6 J	130 U	914	NA
Isophorone	UG/KG	-	-	NA	380 U	330 U	470 U	NA
Naphthalene	UG/KG	NS	100000	NA	150 U	130 U	53.0 J	NA
Nitrobenzene	UG/KG	-	-	NA	380 U	330 U	470 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	380 U	330 U	470 U	NA
Phenanthrene	UG/KG	NS	100000	NA	132 J	38.0 J	1,220	NA
Phenol	UG/KG	30000	100000	NA	380 U	330 U	470 U	NA
Pyrene	UG/KG	NS	100000	NA	201	62.5 J	1,940	NA

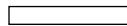
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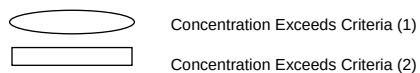
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-H	4100-FP-S-H	4100-FP-S-H	4100-FP-S-L	4100-FP-S-L
Sample ID				4100-FP-S-H-0-6	4100-FP-S-H-6-12	4100-FP-S-H-12-24	4100-FP-S-L-0-2	4100-FP-S-L-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	51 U	44 U	61 U	NA
Aroclor 1254	UG/KG	-	-	NA	175	44 U	327 NJ	NA
Aroclor 1260	UG/KG	-	-	NA	390	322	1,200	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	565	322	1,527	NA
Metals								
Arsenic	MG/KG	13	16	NA	5.0	8.3	7.3	NA
Barium	MG/KG	433	350	NA	54.8	81.5	48.9	NA
Cadmium	MG/KG	4	2.5	NA	0.63	0.39 J	1.4	NA
Chromium	MG/KG	41	36	NA	18.4	14.7	29.8	NA
Lead	MG/KG	63	400	NA	47.8	13.4	49.2	NA
Mercury	MG/KG	0.18	0.81	NA	0.093	0.051	0.30	NA
Selenium	MG/KG	3.9	36	NA	1.2 U	1.1 U	1 U	NA
Silver	MG/KG	2	36	NA	0.45 J	0.24 J	1.4	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-L	4100-FP-S-L	4100-FP-S-L	4100-FP-S-M	4100-FP-S-M
Sample ID				4100-FP-S-L-6-12	4100-FP-S-L-12-24	DUP-5	4100-FP-S-M-0-2	4100-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	5.0 U	3.1 U	2.9 U	NA	8.0 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	5.0 U	3.1 U	2.9 U	NA	8.0 U
1,1-Dichloroethene	UG/KG	NS	100000	2.5 U	1.5 U	1.5 U	NA	4.0 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	15.8	11.9 J	3.8 J	NA	4.8
1,2-Dichloroethene (trans)	UG/KG	NS	100000	0.83 J	0.89 J	1.5 U	NA	4.0 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	NA	R
Acetone	UG/KG	2200	100000	144 J	82.8 J	73.1 J	NA	462 J
Benzene	UG/KG	70000	2900	0.66 J	0.30 J	0.73 U	NA	1.1 J
Bromomethane	UG/KG	-	-	13 U	7.7 U	7.3 U	NA	20 U
Carbon disulfide	UG/KG	-	-	2.2 J	4.6 J	0.76 J	NA	3.1 J
Chloroform	UG/KG	12000	10000	5.0 U	3.1 U	2.9 U	NA	8.0 U
Chloromethane	UG/KG	-	-	13 U	7.7 U	7.3 U	NA	20 U
Ethylbenzene	UG/KG	NS	30000	2.5 U	1.5 U	1.5 U	NA	4.0 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	11.6 J	8.4 J	4.6 J	NA	41.0 J
Methylene chloride	UG/KG	12000	51000	13 U	7.7 U	7.3 U	NA	20 U
Tetrachloroethene	UG/KG	2000	5500	5.0 U	3.1 U	2.9 U	NA	8.0 U
Toluene	UG/KG	36000	100000	3.6	0.32 J	0.36 J	NA	4.2
Trichloroethene	UG/KG	2000	10000	35.7	8.3 J	3.4 J	NA	12.4
Vinyl chloride	UG/KG	NS	210	5.0 U	3.1 U	2.9 U	NA	8.0 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

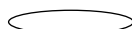
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-L	4100-FP-S-L	4100-FP-S-L	4100-FP-S-M	4100-FP-S-M
Sample ID				4100-FP-S-L-6-12	4100-FP-S-L-12-24	DUP-5	4100-FP-S-M-0-2	4100-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.0 J	1.5 U	1.5 U	NA	2.2 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
1,2-Dichlorobenzene	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
1,3-Dichlorobenzene	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
1,4-Dichlorobenzene	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
2,4-Dimethylphenol	UG/KG	-	-	930 U	740 U	720 U	1,500 UJ	NA
2-Methylnaphthalene	UG/KG	-	-	51.9 J	150 UJ	51.1 J	300 UJ	NA
2-Nitroaniline	UG/KG	-	-	930 U	740 U	720 U	1,500 UJ	NA
3&4-Methylphenol	UG/KG	NS	34000	930 U	740 U	720 U	1,500 UJ	NA
4-Bromophenyl-phenylether	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
4-Chloroaniline	UG/KG	-	-	930 U	740 U	720 U	1,500 UJ	NA
Acenaphthene	UG/KG	20000	100000	167 J	69.8 J	56.2 J	300 UJ	NA
Acenaphthylene	UG/KG	NS	100000	38.4 J	79.6 J	43.7 J	300 UJ	NA
Anthracene	UG/KG	NS	100000	412	309	166	125 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	1,510	773 J	459 J	656 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	1,640	707	530	837 J	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	1,750	583	485	872 J	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	999	390	350	640 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	1,170	536	399	755 J	NA

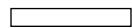
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-L	4100-FP-S-L	4100-FP-S-L	4100-FP-S-M	4100-FP-S-M
Sample ID				4100-FP-S-L-6-12	4100-FP-S-L-12-24	DUP-5	4100-FP-S-M-0-2	4100-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	274 J	370 U	360 U	164 J	NA
Butylbenzylphthalate	UG/KG	-	-	460 UJ	370 UJ	360 UJ	760 UJ	NA
Carbazole	UG/KG	-	-	274	112 J	121 J	99.0 J	NA
Chrysene	UG/KG	NS	1000	1,680	727	480	779 J	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	378	140 J	119 J	243 J	NA
Dibenzofuran	UG/KG	NS	14000	112 J	61.5 J	55.0 J	300 UJ	NA
Dimethylphthalate	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
Di-n-butylphthalate	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
Di-n-octylphthalate	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
Fluoranthene	UG/KG	NS	100000	3,380	1,760	1,060	1,310 J	NA
Fluorene	UG/KG	30000	100000	163 J	138 J	67.6 J	300 UJ	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	964	381	315	608 J	NA
Isophorone	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
Naphthalene	UG/KG	NS	100000	78.6 J	36.9 J	67.3 J	300 UJ	NA
Nitrobenzene	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	460 U	370 U	360 U	760 UJ	NA
Phenanthrene	UG/KG	NS	100000	2,020	1,290 J	570 J	546 J	NA
Phenol	UG/KG	30000	100000	460 U	370 U	360 U	760 UJ	NA
Pyrene	UG/KG	NS	100000	2,910	1,290 J	704 J	961 J	NA

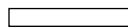
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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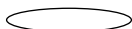
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-L	4100-FP-S-L	4100-FP-S-L	4100-FP-S-M	4100-FP-S-M
Sample ID				4100-FP-S-L-6-12	4100-FP-S-L-12-24	DUP-5	4100-FP-S-M-0-2	4100-FP-S-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	61 U	50 U	47 U	100 UJ	NA
Aroclor 1254	UG/KG	-	-	2,020 D	50 U	47 U	180 J	NA
Aroclor 1260	UG/KG	-	-	3,650 D	4,510 DJ	11,100 DJ	278 J	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	5,670	4,510	11,100	458	NA
Metals								
Arsenic	MG/KG	13	16	7.3	13.7	15.9	11.9 J	NA
Barium	MG/KG	433	350	61.6	57.0	57.4	117 J	NA
Cadmium	MG/KG	4	2.5	3.2	26.0 J	5.9 J	2.0 J	NA
Chromium	MG/KG	41	36	65.9	158	126	29.7 J	NA
Lead	MG/KG	63	400	144	64.2	74.1	145 J	NA
Mercury	MG/KG	0.18	0.81	0.45	0.34 J	0.60 J	0.20 J	NA
Selenium	MG/KG	3.9	36	1.3 U	0.55 J	0.85 U	1.5 UJ	NA
Silver	MG/KG	2	36	4.0	32.4 J	9.7 J	1.2 J	NA

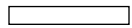
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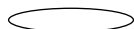
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-M	4100-FP-S-M	4200-SB-N	4200-SB-N	4200-SB-N
Sample ID				4100-FP-S-M-6-12	4100-FP-S-M-12-24	4200-SB-N-0-6	4200-SB-N-6-12	4200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	4.0 U	2.7 U	2.7 U	2.6 U	3.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	4.0 U	2.7 U	2.7 U	2.6 U	3.2 U
1,1-Dichloroethene	UG/KG	NS	100000	2.0 U	1.3 U	1.3 U	1.3 U	1.6 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.8 J	1.3 U	2.5	4.4 J	2.2
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.0 U	1.3 U	0.86 J	0.64 J	1.6 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	6.6 U	8.0 U
Acetone	UG/KG	2200	100000	70.0 J	56.2 J	189 J	180 J	144
Benzene	UG/KG	70000	2900	0.40 J	0.67 U	0.75	0.71 J	0.80 U
Bromomethane	UG/KG	-	-	10 U	6.7 U	6.7 U	6.6 U	8.0 U
Carbon disulfide	UG/KG	-	-	5.9	4.7	10.6	35.5 J	13.8
Chloroform	UG/KG	12000	10000	4.0 U	2.7 U	2.7 U	2.6 U	3.2 U
Chloromethane	UG/KG	-	-	10 U	6.7 U	6.7 U	6.6 U	8.0 U
Ethylbenzene	UG/KG	NS	30000	2.0 U	1.3 U	1.3 U	0.25 J	1.6 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	5.4 J	R	48.3 J	55.9 J	20.0 J
Methylene chloride	UG/KG	12000	51000	10 U	6.7 U	6.7 U	6.6 U	8.0 U
Tetrachloroethene	UG/KG	2000	5500	4.0 U	2.7 U	2.7 U	2.6 U	3.2 U
Toluene	UG/KG	36000	100000	0.59 J	1.3 U	0.89 J	0.87 J	0.43 J
Trichloroethene	UG/KG	2000	10000	1.3 J	1.3 U	4.8	2.2 J	2.9
Vinyl chloride	UG/KG	NS	210	4.0 U	2.7 U	2.7 U	2.6 U	3.2 U

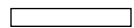
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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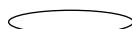
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-M	4100-FP-S-M	4200-SB-N	4200-SB-N	4200-SB-N
Sample ID				4100-FP-S-M-6-12	4100-FP-S-M-12-24	4200-SB-N-0-6	4200-SB-N-6-12	4200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.0 U	1.3 U	0.54 J	1.3 U	1.6 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
1,2-Dichlorobenzene	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
1,3-Dichlorobenzene	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
1,4-Dichlorobenzene	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
2,4-Dimethylphenol	UG/KG	-	-	990 U	700 U	3,500 U	750 U	790 U
2-Methylnaphthalene	UG/KG	-	-	200 UJ	140 UJ	721	84.8 J	160 U
2-Nitroaniline	UG/KG	-	-	990 U	700 U	3,500 U	750 U	790 U
3&4-Methylphenol	UG/KG	NS	34000	990 U	700 U	3,500 U	750 U	790 U
4-Bromophenyl-phenylether	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
4-Chloroaniline	UG/KG	-	-	990 U	700 U	3,500 U	750 U	790 U
Acenaphthene	UG/KG	20000	100000	200 U	140 U	2,460	350	56.4 J
Acenaphthylene	UG/KG	NS	100000	200 U	140 U	253 J	81.4 J	24.7 J
Anthracene	UG/KG	NS	100000	76.0 J	140 U	3,820	574	120 J
Benzo(a)anthracene	UG/KG	NS	1000	276	55.6 J	10,300	1,750	380
Benzo(a)pyrene	UG/KG	2600	1000	296	56.6 J	10,100	1,620	384
Benzo(b)fluoranthene	UG/KG	NS	1000	226	47.6 J	8,680	1,400	380
Benzo(g,h,i)perylene	UG/KG	NS	100000	189 J	47.1 J	6,250	1,210	284
Benzo(k)fluoranthene	UG/KG	NS	1000	293	48.7 J	8,500	1,420	330

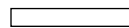
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value. 'R' - the data is rejected.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

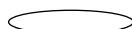
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-M	4100-FP-S-M	4200-SB-N	4200-SB-N	4200-SB-N
Sample ID				4100-FP-S-M-6-12	4100-FP-S-M-12-24	4200-SB-N-0-6	4200-SB-N-6-12	4200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	116 J	350 U	1,800 U	568	125 J
Butylbenzylphthalate	UG/KG	-	-	500 UJ	350 UJ	1,800 UJ	186 J	58.6 J
Carbazole	UG/KG	-	-	53.7 J	140 U	2,970	436	82.0 J
Chrysene	UG/KG	NS	1000	281	56.1 J	10,600	1,640	367
Dibenz(a,h)anthracene	UG/KG	NS	330	57.9 J	140 U	2,060	390	185
Dibenzofuran	UG/KG	NS	14000	200 U	140 U	1,670	231	29.5 J
Dimethylphthalate	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
Di-n-butylphthalate	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
Di-n-octylphthalate	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
Fluoranthene	UG/KG	NS	100000	523	105 J	25,200	3,810	825
Fluorene	UG/KG	30000	100000	200 U	140 U	2,320	329	55.1 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	183 J	41.4 J	8,050	1,490	412
Isophorone	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
Naphthalene	UG/KG	NS	100000	200 U	140 U	1,650	167	23.9 J
Nitrobenzene	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	500 U	350 U	1,800 U	370 U	390 U
Phenanthrene	UG/KG	NS	100000	321	53.5 J	22,100	2,870	577
Phenol	UG/KG	30000	100000	500 U	350 U	1,800 U	370 U	390 U
Pyrene	UG/KG	NS	100000	465	92.0 J	19,400	3,190	696

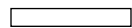
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

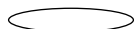
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4100-FP-S-M	4100-FP-S-M	4200-SB-N	4200-SB-N	4200-SB-N
Sample ID				4100-FP-S-M-6-12	4100-FP-S-M-12-24	4200-SB-N-0-6	4200-SB-N-6-12	4200-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	65 U	46 U	48 U	49 U	53 U
Aroclor 1254	UG/KG	-	-	592	46 U	378	422	138
Aroclor 1260	UG/KG	-	-	716	99.7	813	870	261
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,308	99.7	1,191	1,292	399
Metals								
Arsenic	MG/KG	13	16	9.8	6.1	5.1	4.7	3.0
Barium	MG/KG	433	350	71.1	75.5	38.9	40.8	45.6
Cadmium	MG/KG	4	2.5	1.3	0.67	0.39	0.37 J	0.23 J
Chromium	MG/KG	41	36	30.7	19.1	29.6	29.2	14.8
Lead	MG/KG	63	400	89.7	18.4	48.5	53.6	20.0
Mercury	MG/KG	0.18	0.81	0.25	0.089	0.40	0.66	0.24
Selenium	MG/KG	3.9	36	1.6 U	1.1 U	0.92 U	0.97 U	1.1 U
Silver	MG/KG	2	36	0.83	0.67	0.96	1.1	0.29 J

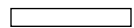
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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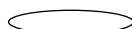
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4200-SB-S	4200-SB-S	4200-SB-S	4275-FP-N-INF	4275-FP-N-INF
Sample ID				4200-SB-S-0-6	4200-SB-S-6-12	4200-SB-S-12-24	4275-FP-N-INF-0-2	4275-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.4 U	2.9 U	3.0 U	NA	3.6 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.4 U	2.9 U	3.0 U	NA	3.6 U
1,1-Dichloroethene	UG/KG	NS	100000	1.7 U	1.4 U	1.5 U	NA	1.8 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.8	1.2 J	1.5 U	NA	8.4
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.7 U	1.4 U	1.5 U	NA	1.8 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	8.4 U	R	R	NA	R
Acetone	UG/KG	2200	100000	95.7	67.4 J	77.7 J	NA	528 J
Benzene	UG/KG	70000	2900	0.99	0.40 J	0.33 J	NA	0.86 J
Bromomethane	UG/KG	-	-	8.4 U	7.2 U	7.6 U	NA	8.9 U
Carbon disulfide	UG/KG	-	-	6.3	9.7	10.2	NA	2.5 J
Chloroform	UG/KG	12000	10000	3.4 U	2.9 U	3.0 U	NA	3.6 U
Chloromethane	UG/KG	-	-	8.4 U	7.2 U	7.6 U	NA	8.9 UJ
Ethylbenzene	UG/KG	NS	30000	1.7 U	1.4 U	1.5 U	NA	1.8 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	11.3 J	R	R	NA	66.1 J
Methylene chloride	UG/KG	12000	51000	8.4 U	7.2 U	7.6 U	NA	8.9 U
Tetrachloroethene	UG/KG	2000	5500	3.4 U	2.9 U	3.0 U	NA	3.6 U
Toluene	UG/KG	36000	100000	1.3 J	0.48 J	0.42 J	NA	1.4 J
Trichloroethene	UG/KG	2000	10000	4.8	1.6	0.65 J	NA	12.8
Vinyl chloride	UG/KG	NS	210	3.4 U	2.9 U	3.0 U	NA	3.6 U

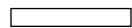
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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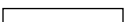
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4200-SB-S	4200-SB-S	4200-SB-S	4275-FP-N-INF	4275-FP-N-INF
Sample ID				4200-SB-S-0-6	4200-SB-S-6-12	4200-SB-S-12-24	4275-FP-N-INF-0-2	4275-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.7 U	1.4 U	1.5 U	NA	0.66 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
2,4-Dimethylphenol	UG/KG	-	-	840 U	3,800 U	770 U	8,100 U	NA
2-Methylnaphthalene	UG/KG	-	-	68.9 J	312 J	150 U	238 J	NA
2-Nitroaniline	UG/KG	-	-	840 U	3,800 U	770 U	8,100 U	NA
3&4-Methylphenol	UG/KG	NS	34000	291 J	3,800 U	770 U	8,100 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
4-Chloroaniline	UG/KG	-	-	840 U	3,800 U	770 U	8,100 U	NA
Acenaphthene	UG/KG	20000	100000	224	1,420	150 U	1,150 J	NA
Acenaphthylene	UG/KG	NS	100000	104 J	292 J	16.7 J	260 J	NA
Anthracene	UG/KG	NS	100000	593	3,150	15.6 J	1,900	NA
Benzo(a)anthracene	UG/KG	NS	1000	1,730	10,700	68.8 J	6,160	NA
Benzo(a)pyrene	UG/KG	2600	1000	1,880	9,550	68.9 J	5,850	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	1,650	9,810	78.7 J	5,860	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,270	6,320	109 J	4,470	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	1,570	8,440	63.4 J	5,010	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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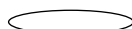
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4200-SB-S	4200-SB-S	4200-SB-S	4275-FP-N-INF	4275-FP-N-INF
Sample ID				4200-SB-S-0-6	4200-SB-S-6-12	4200-SB-S-12-24	4275-FP-N-INF-0-2	4275-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	668	1,900 U	97.8 J	4,000 U	NA
Butylbenzylphthalate	UG/KG	-	-	92.4 J	1,900 UJ	390 UJ	4,000 UJ	NA
Carbazole	UG/KG	-	-	437	2,690	150 U	2,290	NA
Chrysene	UG/KG	NS	1000	1,740	10,600	84.1 J	6,590	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	409	2,200	150 U	2,220	NA
Dibenzofuran	UG/KG	NS	14000	160 J	1,080	150 U	851 J	NA
Dimethylphthalate	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
Di-n-butylphthalate	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
Di-n-octylphthalate	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
Fluoranthene	UG/KG	NS	100000	4,020	26,300	137 J	17,400	NA
Fluorene	UG/KG	30000	100000	277	2,050	150 U	1,220 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,580	8,340	171	5,780	NA
Isophorone	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
Naphthalene	UG/KG	NS	100000	124 J	666 J	150 U	520 J	NA
Nitrobenzene	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	420 U	1,900 U	390 U	4,000 U	NA
Phenanthrene	UG/KG	NS	100000	2,810	20,300	63.7 J	13,500	NA
Phenol	UG/KG	30000	100000	420 U	1,900 U	390 U	4,000 U	NA
Pyrene	UG/KG	NS	100000	2,960	20,100	135 J	12,200	NA

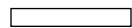
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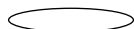
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4200-SB-S	4200-SB-S	4200-SB-S	4275-FP-N-INF	4275-FP-N-INF
Sample ID				4200-SB-S-0-6	4200-SB-S-6-12	4200-SB-S-12-24	4275-FP-N-INF-0-2	4275-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	56 U	51 U	50 U	53 U	NA
Aroclor 1254	UG/KG	-	-	577	303	37.3 J	345	NA
Aroclor 1260	UG/KG	-	-	1,310 D	617	70.9	1,010	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,887	920	108.2	1,355	NA
Metals								
Arsenic	MG/KG	13	16	7.4	6.4	5.9	4.1	NA
Barium	MG/KG	433	350	51.9	45.1	42.6	55.1	NA
Cadmium	MG/KG	4	2.5	0.66	0.35 J	0.31 J	1.8	NA
Chromium	MG/KG	41	36	55.4	23.4	13.2	27.2	NA
Lead	MG/KG	63	400	136	38.9	14.2	58.5	NA
Mercury	MG/KG	0.18	0.81	0.64	0.25	0.066	0.27	NA
Selenium	MG/KG	3.9	36	1.3 U	0.95 U	1.1 U	1.2 U	NA
Silver	MG/KG	2	36	3.8	0.68	0.16 J	0.78	NA

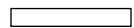
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-N-INF	4275-FP-N-INF	4275-FP-N-INF	4275-FP-S-INF	4275-FP-S-INF
Sample ID				4275-FP-N-INF-6-12	DUP-7	4275-FP-N-INF-12-24	4275-FP-S-INF-0-2	4275-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.6 U	2.8 U	2.5 U	NA	2.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.6 U	2.8 U	2.5 U	NA	2.8 U
1,1-Dichloroethene	UG/KG	NS	100000	1.3 U	1.4 U	1.3 U	NA	1.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	10.2	15.2	8.7	NA	11.3
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.3 U	1.4 U	1.3 U	NA	1.4 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	NA	R
Acetone	UG/KG	2200	100000	319 J	360 J	278 J	NA	298 J
Benzene	UG/KG	70000	2900	0.48 J	0.69 J	0.36 J	NA	0.64 J
Bromomethane	UG/KG	-	-	6.6 U	7.0 U	6.3 U	NA	6.9 U
Carbon disulfide	UG/KG	-	-	1.5 J	1.6 J	1.3 J	NA	1.8 J
Chloroform	UG/KG	12000	10000	2.6 U	2.8 U	2.5 U	NA	2.8 U
Chloromethane	UG/KG	-	-	6.6 UJ	7.0 UJ	6.3 UJ	NA	6.9 UJ
Ethylbenzene	UG/KG	NS	30000	1.3 U	0.21 J	1.3 U	NA	1.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	45.8 J	55.9 J	9.4 J	NA	13.0 J
Methylene chloride	UG/KG	12000	51000	6.6 U	7.0 U	6.3 U	NA	6.9 U
Tetrachloroethene	UG/KG	2000	5500	2.6 U	2.8 U	2.5 U	NA	2.8 U
Toluene	UG/KG	36000	100000	0.75 J	0.79 J	0.54 J	NA	1.0 J
Trichloroethene	UG/KG	2000	10000	23.3	26.9	19.0	NA	26.2
Vinyl chloride	UG/KG	NS	210	2.6 U	2.8 U	0.63 J	NA	2.8 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-N-INF	4275-FP-N-INF	4275-FP-N-INF	4275-FP-S-INF	4275-FP-S-INF
Sample ID				4275-FP-N-INF-6-12	DUP-7	4275-FP-N-INF-12-24	4275-FP-S-INF-0-2	4275-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.77 J	0.74 J	0.64 J	NA	1.2 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
2,4-Dimethylphenol	UG/KG	-	-	3,400 U	720 U	680 U	810 U	NA
2-Methylnaphthalene	UG/KG	-	-	409 J	176	50.1 J	34.0 J	NA
2-Nitroaniline	UG/KG	-	-	3,400 U	720 U	680 U	810 U	NA
3&4-Methylphenol	UG/KG	NS	34000	3,400 U	189 J	680 U	810 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
4-Chloroaniline	UG/KG	-	-	3,400 U	720 U	680 U	810 U	NA
Acenaphthene	UG/KG	20000	100000	1,620 J	693 J	171	143 J	NA
Acenaphthylene	UG/KG	NS	100000	165 J	87.6 J	49.7 J	36.7 J	NA
Anthracene	UG/KG	NS	100000	2,490 J	1,260 J	372	306	NA
Benzo(a)anthracene	UG/KG	NS	1000	8,870 J	4,220 J	1,260	1,420	NA
Benzo(a)pyrene	UG/KG	2600	1000	7,740 J	3,420 J	1,160	1,460	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	7,370 J	3,170 J	1,140	1,580	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	5,780 J	2,750 J	879 J	1,300 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	7,140 J	3,270 J	1,050	1,320	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-N-INF	4275-FP-N-INF	4275-FP-N-INF	4275-FP-S-INF	4275-FP-S-INF
Sample ID				4275-FP-N-INF-6-12	DUP-7	4275-FP-N-INF-12-24	4275-FP-S-INF-0-2	4275-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	1,700 U	360 UJ	340 UJ	410 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	1,760 J	887 J	327 J	293 J	NA
Butylbenzylphthalate	UG/KG	-	-	1,700 UJ	360 UJ	340 UJ	82.0 J	NA
Carbazole	UG/KG	-	-	2,600 J	1,030 J	280	265	NA
Chrysene	UG/KG	NS	1000	9,190 J	4,220 J	1,270	1,660	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	2,480 J	715 J	317	401	NA
Dibenzofuran	UG/KG	NS	14000	1,340 J	456 J	109 J	76.6 J	NA
Dimethylphthalate	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
Di-n-butylphthalate	UG/KG	-	-	1,700 U	46.9 J	26.2 J	410 U	NA
Di-n-octylphthalate	UG/KG	-	-	1,700 UJ	360 UJ	340 UJ	410 UJ	NA
Fluoranthene	UG/KG	NS	100000	23,100 J	9,270 J	2,690	3,170	NA
Fluorene	UG/KG	30000	100000	1,700 J	625 J	167	129 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	6,260 J	2,890 J	986	1,410	NA
Isophorone	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
Naphthalene	UG/KG	NS	100000	1,100 J	384 J	93.8 J	64.8 J	NA
Nitrobenzene	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	1,700 U	360 U	340 U	410 U	NA
Phenanthrene	UG/KG	NS	100000	20,500 J	7,610 J	2,010	1,780	NA
Phenol	UG/KG	30000	100000	1,700 UJ	360 U	340 U	410 U	NA
Pyrene	UG/KG	NS	100000	20,000 J	8,680 J	2,500	2,830	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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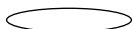
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-N-INF	4275-FP-N-INF	4275-FP-N-INF	4275-FP-S-INF	4275-FP-S-INF
Sample ID				4275-FP-N-INF-6-12	DUP-7	4275-FP-N-INF-12-24	4275-FP-S-INF-0-2	4275-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	45 U	48 U	44 U	55 U	NA
Aroclor 1254	UG/KG	-	-	1,260 D	840	838	423	NA
Aroclor 1260	UG/KG	-	-	4,020 D	3,230 D	2,490 D	1,970 D	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	5,280	4,070	3,328	2,393	NA
Metals								
Arsenic	MG/KG	13	16	5.7	7.1	7.7	3.8	NA
Barium	MG/KG	433	350	58.9	64.6	62.1	57.8	NA
Cadmium	MG/KG	4	2.5	2.0	2.0	1.7	1.7	NA
Chromium	MG/KG	41	36	42.0	57.6	46.8	31.4	NA
Lead	MG/KG	63	400	98.5	149	103	52.5	NA
Mercury	MG/KG	0.18	0.81	0.46	0.43	0.40	0.27	NA
Selenium	MG/KG	3.9	36	1 U	1.1 U	0.35 J	1.2 U	NA
Silver	MG/KG	2	36	1.6	1.9	1.5	0.91	NA

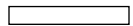
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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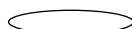
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-S-INF	4275-FP-S-INF	4300-C	4300-C	4300-SB-N
Sample ID				4275-FP-S-INF-6-12	4275-FP-S-INF-12-24	4300-C-0-1	4300-C-6-7	4300-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-1.0	6.0-7.0	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.2 U	1.9 U	2.0 U	2.7 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.2 U	1.9 U	2.0 U	2.7 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	1.1 U	0.96 U	1.0 U	1.3 U	0.95 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	7.8	3.6	1.0 U	1.3 U	0.95 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.1 U	0.96 U	1.0 U	1.3 U	0.95 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	R	R
Acetone	UG/KG	2200	100000	110 J	47.2 J	38.9 J	22.6 J	36.8 J
Benzene	UG/KG	70000	2900	0.32 J	0.29 J	0.51 U	0.67 U	0.34 J
Bromomethane	UG/KG	-	-	5.5 U	4.8 U	5.1 U	6.7 U	4.8 U
Carbon disulfide	UG/KG	-	-	0.85 J	0.80 J	2.0 U	0.59 J	0.25 J
Chloroform	UG/KG	12000	10000	2.2 U	1.9 U	2.0 U	2.7 U	1.9 U
Chloromethane	UG/KG	-	-	5.5 U	4.8 U	5.1 UJ	6.7 U	4.8 UJ
Ethylbenzene	UG/KG	NS	30000	1.1 U	0.96 U	1.0 U	1.3 U	0.95 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	13.3 J	3.1 J	R	R	R
Methylene chloride	UG/KG	12000	51000	5.5 U	4.8 U	5.1 U	6.7 U	4.8 U
Tetrachloroethene	UG/KG	2000	5500	2.2 U	1.9 U	2.0 U	2.7 U	1.9 U
Toluene	UG/KG	36000	100000	0.47 J	0.32 J	1.0 U	1.3 U	0.28 J
Trichloroethene	UG/KG	2000	10000	21.3	9.9	1.0 U	1.3 U	0.95 U
Vinyl chloride	UG/KG	NS	210	0.73 J	1.9 U	2.0 U	2.7 U	1.9 U

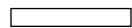
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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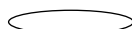
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-S-INF	4275-FP-S-INF	4300-C	4300-C	4300-SB-N
Sample ID				4275-FP-S-INF-6-12	4275-FP-S-INF-12-24	4300-C-0-1	4300-C-6-7	4300-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-1.0	6.0-7.0	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.64 J	0.32 J	1.0 U	1.3 U	0.95 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	620 U	560 U	590 U	580 U	620 U
2-Methylnaphthalene	UG/KG	-	-	95.6 J	388	120 U	120 U	120 U
2-Nitroaniline	UG/KG	-	-	620 U	560 U	590 U	580 U	620 U
3&4-Methylphenol	UG/KG	NS	34000	620 U	560 U	590 U	580 U	620 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
4-Chloroaniline	UG/KG	-	-	620 U	560 U	590 U	580 U	620 U
Acenaphthene	UG/KG	20000	100000	313	1,460	120 U	120 U	120 U
Acenaphthylene	UG/KG	NS	100000	65.7 J	45.0 J	120 U	120 U	20.8 J
Anthracene	UG/KG	NS	100000	623	1,910	120 U	120 U	120 U
Benzo(a)anthracene	UG/KG	NS	1000	2,060	4,630	120 U	120 U	46.6 J
Benzo(a)pyrene	UG/KG	2600	1000	1,770	3,440	120 U	120 U	43.8 J
Benzo(b)fluoranthene	UG/KG	NS	1000	1,620	2,990	120 U	120 U	38.9 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,340 J	2,180 J	120 UJ	120 UJ	75.0 J
Benzo(k)fluoranthene	UG/KG	NS	1000	1,570	3,000	120 U	120 U	34.4 J

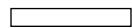
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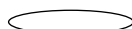
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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

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Sample ID				4275-FP-S-INF-6-12	4275-FP-S-INF-12-24	4300-C-0-1	4300-C-6-7	4300-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-1.0	6.0-7.0	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 UJ	280 UJ	300 UJ	290 UJ	310 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	455 J	321 J	300 UJ	290 UJ	83.7 J
Butylbenzylphthalate	UG/KG	-	-	310 UJ	280 UJ	300 UJ	290 UJ	310 UJ
Carbazole	UG/KG	-	-	410	1,330	120 U	120 U	120 U
Chrysene	UG/KG	NS	1000	1,980	4,250	120 U	120 U	45.2 J
Dibenz(a,h)anthracene	UG/KG	NS	330	435	874	120 U	120 U	120 U
Dibenzofuran	UG/KG	NS	14000	187	818	120 U	120 U	120 U
Dimethylphthalate	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
Di-n-butylphthalate	UG/KG	-	-	18.5 J	237 J	300 U	290 U	310 U
Di-n-octylphthalate	UG/KG	-	-	310 UJ	280 UJ	300 UJ	290 UJ	310 U
Fluoranthene	UG/KG	NS	100000	3,990	13,100 D	120 U	120 U	68.3 J
Fluorene	UG/KG	30000	100000	289	1,270	120 U	120 U	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,460	2,420	120 U	120 U	123
Isophorone	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
Naphthalene	UG/KG	NS	100000	189	1,030	120 U	120 U	120 U
Nitrobenzene	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	280 U	300 U	290 U	310 U
Phenanthrene	UG/KG	NS	100000	3,040	13,100 D	120 U	120 U	33.2 J
Phenol	UG/KG	30000	100000	310 U	280 U	300 U	290 U	310 U
Pyrene	UG/KG	NS	100000	3,790	8,710	120 U	120 U	66.8 J

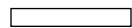
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

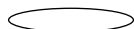
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4275-FP-S-INF	4275-FP-S-INF	4300-C	4300-C	4300-SB-N
Sample ID				4275-FP-S-INF-6-12	4275-FP-S-INF-12-24	4300-C-0-1	4300-C-6-7	4300-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-1.0	6.0-7.0	0.0-0.5
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	37 U	39 U	37 U	41 U
Aroclor 1254	UG/KG	-	-	2,770 D	530	39 U	37 U	41 U
Aroclor 1260	UG/KG	-	-	7,100 D	1,430 D	39 U	37 U	76.1
Total Polychlorinated Biphenyls	UG/KG	1000	1000	9,870	1,960	39 U	37 U	76.1
Metals								
Arsenic	MG/KG	13	16	8.9	6.4	2.2	6.5	6.3
Barium	MG/KG	433	350	64.3	48.9	98.3	89.8	70.3
Cadmium	MG/KG	4	2.5	1.6	0.86	0.16 J	0.059 J	0.12 J
Chromium	MG/KG	41	36	68.5	38.7	9.8	15.1	12.5
Lead	MG/KG	63	400	104	54.0	4.2	8.6	21.3
Mercury	MG/KG	0.18	0.81	1.0	0.18	0.025 J	0.020 J	0.057
Selenium	MG/KG	3.9	36	0.96 U	0.87 U	0.92 U	0.84 U	0.95 U
Silver	MG/KG	2	36	3.2	1.1	0.083 J	0.42 U	0.47 U

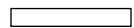
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4300-SB-N	4300-SB-N	4300-SB-S	4300-SB-S	4300-SB-S
Sample ID				4300-SB-N-6-12	4300-SB-N-12-24	4300-SB-S-0-6	4300-SB-S-6-12	4300-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.4 U	2.1 U	2.6 U	3.1 U	3.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.4 U	2.1 U	2.6 U	3.1 U	3.2 U
1,1-Dichloroethene	UG/KG	NS	100000	1.2 U	1.1 U	1.3 U	1.5 U	1.6 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.2 U	1.1 U	3.3	1.5	4.8
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 U	1.1 U	1.3 U	1.5 U	1.6 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	5.9 U	5.3 U	6.4 U	7.7 U	8.1 U
Acetone	UG/KG	2200	100000	18.8 J	25.0 J	121 J	65.4 J	246 J
Benzene	UG/KG	70000	2900	0.42 J	0.29 J	0.62 J	0.60 J	0.77 J
Bromomethane	UG/KG	-	-	5.9 U	5.3 U	6.4 U	7.7 U	8.1 U
Carbon disulfide	UG/KG	-	-	2.4 U	0.25 J	5.6	5.5	7.8
Chloroform	UG/KG	12000	10000	2.4 U	2.1 U	2.6 U	3.1 U	3.2 U
Chloromethane	UG/KG	-	-	5.9 U	5.3 U	6.4 U	7.7 U	8.1 U
Ethylbenzene	UG/KG	NS	30000	1.2 U	1.1 U	1.3 U	1.5 U	1.6 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	21.4 J	9.4 J	31.5 J
Methylene chloride	UG/KG	12000	51000	5.9 U	5.3 U	6.4 U	7.7 U	8.1 U
Tetrachloroethene	UG/KG	2000	5500	2.4 U	2.1 U	2.6 U	3.1 U	3.2 U
Toluene	UG/KG	36000	100000	0.29 J	0.32 J	0.59 J	0.47 J	0.89 J
Trichloroethene	UG/KG	2000	10000	1.2 U	1.1 U	7.6	6.6	16.0
Vinyl chloride	UG/KG	NS	210	2.4 U	2.1 U	2.6 U	3.1 U	3.2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4300-SB-N	4300-SB-N	4300-SB-S	4300-SB-S	4300-SB-S
Sample ID				4300-SB-N-6-12	4300-SB-N-12-24	4300-SB-S-0-6	4300-SB-S-6-12	4300-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.2 U	1.1 U	1.3 U	1.5 U	1.6 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
2,4-Dimethylphenol	UG/KG	-	-	640 U	630 U	7,200 U	7,200 U	8,200 U
2-Methylnaphthalene	UG/KG	-	-	130 U	130 U	3,620	5,340	647 J
2-Nitroaniline	UG/KG	-	-	640 U	630 U	7,200 U	7,200 U	8,200 U
3&4-Methylphenol	UG/KG	NS	34000	640 U	630 U	7,200 U	7,200 U	8,200 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
4-Chloroaniline	UG/KG	-	-	640 U	630 U	7,200 U	7,200 U	8,200 U
Acenaphthene	UG/KG	20000	100000	130 U	130 U	12,700	24,500	2,820
Acenaphthylene	UG/KG	NS	100000	31.6 J	21.4 J	1,790	1,190 J	458 J
Anthracene	UG/KG	NS	100000	20.4 J	12.9 J	20,100	30,600	3,470
Benzo(a)anthracene	UG/KG	NS	1000	72.7 J	48.4 J	87,100	81,300	11,600
Benzo(a)pyrene	UG/KG	2600	1000	76.0 J	57.9 J	79,100	67,700	11,300
Benzo(b)fluoranthene	UG/KG	NS	1000	68.4 J	51.1 J	81,600	69,700	12,000
Benzo(g,h,i)perylene	UG/KG	NS	100000	99.3 J	79.5 J	51,000	45,700	9,140
Benzo(k)fluoranthene	UG/KG	NS	1000	52.9 J	53.6 J	55,700	51,000	10,400

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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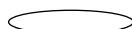
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4300-SB-N	4300-SB-N	4300-SB-S	4300-SB-S	4300-SB-S
Sample ID				4300-SB-N-6-12	4300-SB-N-12-24	4300-SB-S-0-6	4300-SB-S-6-12	4300-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	320 U	320 U	1,880 J	1,180 J	4,100 U
Butylbenzylphthalate	UG/KG	-	-	320 UJ	320 UJ	3,600 UJ	3,600 UJ	4,100 UJ
Carbazole	UG/KG	-	-	130 U	130 U	23,600	25,000	3,380
Chrysene	UG/KG	NS	1000	73.4 J	61.1 J	96,100	78,900	12,100
Dibenz(a,h)anthracene	UG/KG	NS	330	130 U	130 U	17,000	15,800	3,350
Dibenzofuran	UG/KG	NS	14000	130 U	130 U	6,150	15,100	1,670
Dimethylphthalate	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
Di-n-butylphthalate	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
Di-n-octylphthalate	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
Fluoranthene	UG/KG	NS	100000	139	102 J	209,000 D	212,000 D	26,200
Fluorene	UG/KG	30000	100000	130 U	130 U	12,500	23,000	2,430
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	155	131	56,700	53,300	12,100
Isophorone	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
Naphthalene	UG/KG	NS	100000	130 U	130 U	6,190	8,500	1,220 J
Nitrobenzene	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	320 U	3,600 U	3,600 U	4,100 U
Phenanthrene	UG/KG	NS	100000	67.7 J	45.1 J	137,000 D	192,000 D	22,300
Phenol	UG/KG	30000	100000	320 U	320 U	3,600 U	3,600 U	4,100 U
Pyrene	UG/KG	NS	100000	132	93.4 J	189,000 D	182,000 D	21,900

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4300-SB-N	4300-SB-N	4300-SB-S	4300-SB-S	4300-SB-S
Sample ID				4300-SB-N-6-12	4300-SB-N-12-24	4300-SB-S-0-6	4300-SB-S-6-12	4300-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/28/16	04/28/16	04/28/16	04/28/16	04/28/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	43 U	49 U	49 U	54 U
Aroclor 1254	UG/KG	-	-	41 U	43 U	781	398	843
Aroclor 1260	UG/KG	-	-	39.3 J	54.4	1,340 D	911	1,670 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	39.3	54.4	2,121	1,309	2,513
Metals								
Arsenic	MG/KG	13	16	4.1	5.2	5.8	6.0	6.7
Barium	MG/KG	433	350	74.9	71.5	52.1	52.5	63.7
Cadmium	MG/KG	4	2.5	0.098 J	0.15 J	0.54	0.64	0.64
Chromium	MG/KG	41	36	11.5	13.8	52.3	39.9	44.4
Lead	MG/KG	63	400	13.2	18.7	83.5	47.9	65.7
Mercury	MG/KG	0.18	0.81	0.035	0.069	0.25	0.29	0.26
Selenium	MG/KG	3.9	36	0.82 U	0.99 U	1.1 U	1.1 U	1.2 U
Silver	MG/KG	2	36	0.41 U	0.5 U	0.30 J	0.54 J	0.50 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4660-FP-N-INF
Sample ID				4575-FP-N-INF-0-2	4575-FP-N-INF-0-6	4575-FP-N-INF-6-12	4575-FP-N-INF-12-24	4660-FP-N-INF-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.2 U	1.9 U	1.8 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.2 U	1.9 U	1.8 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	1.1 U	0.93 U	0.92 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	1.1 U	0.93 U	0.92 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	1.1 U	0.93 U	0.92 U	NA
2-Hexanone	UG/KG	-	-	NA	R	R	R	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	R	R	R	NA
Acetone	UG/KG	2200	100000	NA	90.8 J	73.7 J	82.8 J	NA
Benzene	UG/KG	70000	2900	NA	0.30 J	0.27 J	0.17 J	NA
Bromomethane	UG/KG	-	-	NA	5.5 U	4.7 U	4.6 U	NA
Carbon disulfide	UG/KG	-	-	NA	0.73 J	2.6	0.62 J	NA
Chloroform	UG/KG	12000	10000	NA	2.2 U	1.9 U	1.8 U	NA
Chloromethane	UG/KG	-	-	NA	5.5 UJ	4.7 UJ	4.6 UJ	NA
Ethylbenzene	UG/KG	NS	30000	NA	1.1 U	0.93 U	0.92 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	12.6 J	4.7 J	2.8 J	NA
Methylene chloride	UG/KG	12000	51000	NA	5.5 U	4.7 U	0.61 J	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.2 U	1.9 U	1.8 U	NA
Toluene	UG/KG	36000	100000	NA	0.36 J	0.18 J	0.18 J	NA
Trichloroethene	UG/KG	2000	10000	NA	1.1 U	0.93 U	0.92 U	NA
Vinyl chloride	UG/KG	NS	210	NA	2.2 UJ	1.9 UJ	1.8 UJ	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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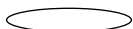
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4660-FP-N-INF
Sample ID				4575-FP-N-INF-0-2	4575-FP-N-INF-0-6	4575-FP-N-INF-6-12	4575-FP-N-INF-12-24	4660-FP-N-INF-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	1.1 U	0.93 U	0.92 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
2,4-Dimethylphenol	UG/KG	-	-	640 U	NA	590 U	580 U	3,800 U
2-Methylnaphthalene	UG/KG	-	-	15.0 J	NA	120 U	120 U	760 U
2-Nitroaniline	UG/KG	-	-	640 U	NA	590 U	580 U	3,800 U
3&4-Methylphenol	UG/KG	NS	34000	640 U	NA	590 U	580 U	3,800 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
4-Chloroaniline	UG/KG	-	-	640 U	NA	590 U	580 U	3,800 U
Acenaphthene	UG/KG	20000	100000	130 U	NA	24.3 J	120 U	367 J
Acenaphthylene	UG/KG	NS	100000	58.2 J	NA	45.9 J	23.6 J	101 J
Anthracene	UG/KG	NS	100000	88.1 J	NA	86.0 J	24.2 J	701 J
Benzo(a)anthracene	UG/KG	NS	1000	382	NA	516	118 J	3,540
Benzo(a)pyrene	UG/KG	2600	1000	479	NA	555	204	4,090
Benzo(b)fluoranthene	UG/KG	NS	1000	488	NA	558	200	4,700
Benzo(g,h,i)perylene	UG/KG	NS	100000	280	NA	311	84.1 J	2,650
Benzo(k)fluoranthene	UG/KG	NS	1000	363	NA	466	98.8 J	3,630

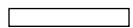
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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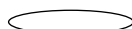
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4660-FP-N-INF
Sample ID				4575-FP-N-INF-0-2	4575-FP-N-INF-0-6	4575-FP-N-INF-6-12	4575-FP-N-INF-12-24	4660-FP-N-INF-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 UJ	NA	300 UJ	290 UJ	1,900 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	194 J	NA	194 J	155 J	1,900 U
Butylbenzylphthalate	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
Carbazole	UG/KG	-	-	49.6 J	NA	53.5 J	13.9 J	742 J
Chrysene	UG/KG	NS	1000	441	NA	554	120	4,360
Dibenz(a,h)anthracene	UG/KG	NS	330	198	NA	217	155	1,370
Dibenzofuran	UG/KG	NS	14000	130 U	NA	120 U	120 U	180 J
Dimethylphthalate	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
Di-n-butylphthalate	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
Di-n-octylphthalate	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
Fluoranthene	UG/KG	NS	100000	787	NA	876	219	8,650
Fluorene	UG/KG	30000	100000	21.5 J	NA	31.4 J	120 U	331 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	451	NA	493	277	3,770
Isophorone	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
Naphthalene	UG/KG	NS	100000	18.0 J	NA	17.9 J	120 U	140 J
Nitrobenzene	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	NA	300 U	290 U	1,900 U
Phenanthrene	UG/KG	NS	100000	327	NA	385	89.8 J	4,260
Phenol	UG/KG	30000	100000	320 UJ	NA	300 UJ	290 UJ	1,900 UJ
Pyrene	UG/KG	NS	100000	708	NA	836	207	7,270

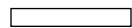
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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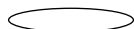
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4575-FP-N-INF	4660-FP-N-INF
Sample ID				4575-FP-N-INF-0-2	4575-FP-N-INF-0-6	4575-FP-N-INF-6-12	4575-FP-N-INF-12-24	4660-FP-N-INF-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	43 U	NA	38 U	39 U	50 U
Aroclor 1254	UG/KG	-	-	55.3	NA	61.7	39 U	427
Aroclor 1260	UG/KG	-	-	117	NA	80.6	29.3 J	1,840 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	172.3	NA	142.3	29.3	2,267
Metals								
Arsenic	MG/KG	13	16	4.4	NA	4.5	4.1	5.6
Barium	MG/KG	433	350	49.2	NA	50.3	45.2	80.1
Cadmium	MG/KG	4	2.5	0.42	NA	0.34 J	0.42	0.85
Chromium	MG/KG	41	36	12.5	NA	13.2	11.0	34.4
Lead	MG/KG	63	400	134	NA	93.5	65.4	68.9
Mercury	MG/KG	0.18	0.81	0.082	NA	0.064	0.052	0.20
Selenium	MG/KG	3.9	36	0.99 U	NA	0.9 U	0.9 U	1.1 U
Silver	MG/KG	2	36	0.5 U	NA	0.28 J	0.45 U	0.75

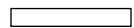
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

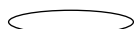
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4660-FP-N-INF	4660-FP-N-INF	4660-FP-N-INF	4710-FP-S-INF	4710-FP-S-INF
Sample ID				4660-FP-N-INF-0-6	4660-FP-N-INF-6-12	4660-FP-N-INF-12-24	4710-FP-S-INF-0-2	4710-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.9 U	3.5 U	2.8 U	NA	2.7 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.9 U	3.5 U	2.8 U	NA	2.7 U
1,1-Dichloroethene	UG/KG	NS	100000	1.4 U	1.7 U	1.4 U	NA	1.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.3 J	3.7	3.7	NA	2.0
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.4 U	1.7 U	1.4 U	NA	1.3 U
2-Hexanone	UG/KG	-	-	R	R	R	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	NA	R
Acetone	UG/KG	2200	100000	219 J	203 J	70.9 J	NA	340 J
Benzene	UG/KG	70000	2900	0.44 J	0.53 J	0.32 J	NA	0.87
Bromomethane	UG/KG	-	-	7.1 U	8.7 U	7 U	NA	6.7 U
Carbon disulfide	UG/KG	-	-	2.9	2.6 J	1.2 J	NA	8.3
Chloroform	UG/KG	12000	10000	2.9 U	3.5 U	2.8 U	NA	2.7 U
Chloromethane	UG/KG	-	-	7.1 UJ	8.7 U	7 U	NA	6.7 UJ
Ethylbenzene	UG/KG	NS	30000	1.4 U	1.7 U	1.4 U	NA	1.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	28.6 J	22.2 J	5.4 J	NA	58.8 J
Methylene chloride	UG/KG	12000	51000	1.3 J	8.7 U	7 U	NA	6.7 U
Tetrachloroethene	UG/KG	2000	5500	2.9 U	3.5 U	2.8 U	NA	2.7 U
Toluene	UG/KG	36000	100000	0.50 J	0.63 J	0.42 J	NA	0.84 J
Trichloroethene	UG/KG	2000	10000	1.7	6.3	10	NA	3.8
Vinyl chloride	UG/KG	NS	210	2.9 UJ	3.5 U	2.8 U	NA	2.7 UJ

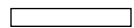
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4660-FP-N-INF	4660-FP-N-INF	4660-FP-N-INF	4710-FP-S-INF	4710-FP-S-INF
Sample ID				4660-FP-N-INF-0-6	4660-FP-N-INF-6-12	4660-FP-N-INF-12-24	4710-FP-S-INF-0-2	4710-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.4 U	1.7 U	1.4 U	NA	0.37 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	3,600 U	3,500 U	7,000 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	720 U	710 U	301 J	NA
2-Nitroaniline	UG/KG	-	-	NA	3,600 U	3,500 U	7,000 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	3,600 U	3,500 U	7,000 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
4-Chloroaniline	UG/KG	-	-	NA	3,600 U	3,500 U	7,000 U	NA
Acenaphthene	UG/KG	20000	100000	NA	313 J	291 J	1,150 J	NA
Acenaphthylene	UG/KG	NS	100000	NA	106 J	174 J	1,400 U	NA
Anthracene	UG/KG	NS	100000	NA	674 J	740	2,220	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	3,210	3,140	8,340	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	3,540	3,440	8,070	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	3,650	3,360	8,430	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	2,120	1,790	5,630 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	3,110	2,760	6,770	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4660-FP-N-INF	4660-FP-N-INF	4660-FP-N-INF	4710-FP-S-INF	4710-FP-S-INF
Sample ID				4660-FP-N-INF-0-6	4660-FP-N-INF-6-12	4660-FP-N-INF-12-24	4710-FP-S-INF-0-2	4710-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	1,800 UJ	1,800 UJ	3,500 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	1,050 J	1,180 J	1,790 J	NA
Butylbenzylphthalate	UG/KG	-	-	NA	439 J	1,800 U	3,500 U	NA
Carbazole	UG/KG	-	-	NA	666 J	598 J	2,370	NA
Chrysene	UG/KG	NS	1000	NA	3,680	3,250	9,330	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	1,340	1,230	2,760	NA
Dibenzofuran	UG/KG	NS	14000	NA	176 J	181 J	849 J	NA
Dimethylphthalate	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	1,800 U	81.1 J	3,500 U	NA
Di-n-octylphthalate	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 UJ	NA
Fluoranthene	UG/KG	NS	100000	NA	7,260	6,610	20,700	NA
Fluorene	UG/KG	30000	100000	NA	284 J	301 J	1,300 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	3,180	2,820	7,550 J	NA
Isophorone	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
Naphthalene	UG/KG	NS	100000	NA	138 J	160 J	456 J	NA
Nitrobenzene	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	1,800 U	1,800 U	3,500 U	NA
Phenanthrene	UG/KG	NS	100000	NA	3,930	3,690	16,600	NA
Phenol	UG/KG	30000	100000	NA	1,800 UJ	1,800 UJ	3,500 UJ	NA
Pyrene	UG/KG	NS	100000	NA	6,350	5,690	17,700	NA

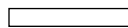
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4660-FP-N-INF	4660-FP-N-INF	4660-FP-N-INF	4710-FP-S-INF	4710-FP-S-INF
Sample ID				4660-FP-N-INF-0-6	4660-FP-N-INF-6-12	4660-FP-N-INF-12-24	4710-FP-S-INF-0-2	4710-FP-S-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	48 U	47 U	48 U	NA
Aroclor 1254	UG/KG	-	-	NA	547	1,730 D	519	NA
Aroclor 1260	UG/KG	-	-	NA	2,100 D	2,540 D	2,320 D	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	2,647	4,270	2,839	NA
Metals								
Arsenic	MG/KG	13	16	NA	6.0	9.2	5.0	NA
Barium	MG/KG	433	350	NA	76.1	85.6	59.4	NA
Cadmium	MG/KG	4	2.5	NA	1.2	4.4	0.68	NA
Chromium	MG/KG	41	36	NA	41.5	107	31.9	NA
Lead	MG/KG	63	400	NA	96.4	303	54.7	NA
Mercury	MG/KG	0.18	0.81	NA	0.32	0.60	0.19	NA
Selenium	MG/KG	3.9	36	NA	1.1 U	1 U	1.1 U	NA
Silver	MG/KG	2	36	NA	1.7	12.4	0.28 J	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4710-FP-S-INF	4710-FP-S-INF	4725-C	4725-C	4725-SB-N
Sample ID				4710-FP-S-INF-6-12	4710-FP-S-INF-12-20	4725-C-1-2	4725-C-4.5-5	4725-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-1.7	1.0-2.0	4.5-5.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	23.7	NA	NA	2.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 U	2.4 U	NA	NA	2.8 U
1,1-Dichloroethene	UG/KG	NS	100000	1.2 U	1.2 U	NA	NA	1.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.9 J	10.9	NA	NA	13.9
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 U	1.2 U	NA	NA	0.40 J
2-Hexanone	UG/KG	-	-	R	R	NA	NA	R
4-Methyl-2-pentanone	UG/KG	-	-	6.2 U	R	NA	NA	R
Acetone	UG/KG	2200	100000	116 J	107 J	NA	NA	107 J
Benzene	UG/KG	70000	2900	0.27 J	0.59 U	NA	NA	0.33 J
Bromomethane	UG/KG	-	-	6.2 U	5.9 U	NA	NA	7 U
Carbon disulfide	UG/KG	-	-	0.60 J	1.2 J	NA	NA	1.6 J
Chloroform	UG/KG	12000	10000	2.5 U	2.4 U	NA	NA	2.8 U
Chloromethane	UG/KG	-	-	6.2 U	5.9 U	NA	NA	7 U
Ethylbenzene	UG/KG	NS	30000	1.2 U	1.2 U	NA	NA	1.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	13.6 J	14.9 J	NA	NA	15.1 J
Methylene chloride	UG/KG	12000	51000	1.7 J	5.9 U	NA	NA	7 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	2.4 U	NA	NA	2.8 U
Toluene	UG/KG	36000	100000	0.37 J	0.63 J	NA	NA	0.47 J
Trichloroethene	UG/KG	2000	10000	4.4 J	22.2	NA	NA	29.2
Vinyl chloride	UG/KG	NS	210	2.5 U	2.4 U	NA	NA	2.8 U

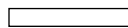
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4710-FP-S-INF	4710-FP-S-INF	4725-C	4725-C	4725-SB-N
Sample ID				4710-FP-S-INF-6-12	4710-FP-S-INF-12-20	4725-C-1-2	4725-C-4.5-5	4725-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-1.7	1.0-2.0	4.5-5.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.2 U	0.69 J	NA	NA	0.55 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
1,2-Dichlorobenzene	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
1,3-Dichlorobenzene	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
1,4-Dichlorobenzene	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
2,4-Dimethylphenol	UG/KG	-	-	7,100 U	6,200 U	NA	NA	3,700 U
2-Methylnaphthalene	UG/KG	-	-	379 J	1,810	NA	NA	577 J
2-Nitroaniline	UG/KG	-	-	7,100 U	6,200 U	NA	NA	3,700 U
3&4-Methylphenol	UG/KG	NS	34000	7,100 U	6,200 U	NA	NA	3,700 U
4-Bromophenyl-phenylether	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
4-Chloroaniline	UG/KG	-	-	7,100 U	6,200 U	NA	NA	3,700 U
Acenaphthene	UG/KG	20000	100000	1,700	7,220	NA	NA	2,510
Acenaphthylene	UG/KG	NS	100000	229 J	448 J	NA	NA	343 J
Anthracene	UG/KG	NS	100000	2,970	13,400	NA	NA	4,810
Benzo(a)anthracene	UG/KG	NS	1000	9,960	33,600	NA	NA	15,600
Benzo(a)pyrene	UG/KG	2600	1000	9,340	25,900	NA	NA	12,900
Benzo(b)fluoranthene	UG/KG	NS	1000	8,950	27,300	NA	NA	11,800
Benzo(g,h,i)perylene	UG/KG	NS	100000	4,870	14,000	NA	NA	8,050 J
Benzo(k)fluoranthene	UG/KG	NS	1000	8,210	24,000	NA	NA	11,700

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

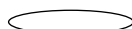
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4710-FP-S-INF	4710-FP-S-INF	4725-C	4725-C	4725-SB-N
Sample ID				4710-FP-S-INF-6-12	4710-FP-S-INF-12-20	4725-C-1-2	4725-C-4.5-5	4725-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-1.7	1.0-2.0	4.5-5.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	3,500 UJ	3,100 UJ	NA	NA	1,800 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	2,320 J	1,930 J	NA	NA	1,420 J
Butylbenzylphthalate	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 UJ
Carbazole	UG/KG	-	-	2,350	11,000	NA	NA	3,570
Chrysene	UG/KG	NS	1000	9,830	32,000	NA	NA	14,700
Dibenz(a,h)anthracene	UG/KG	NS	330	2,830	4,370	NA	NA	2,830
Dibenzofuran	UG/KG	NS	14000	1,030 J	5,430	NA	NA	1,530
Dimethylphthalate	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
Di-n-butylphthalate	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
Di-n-octylphthalate	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 UJ
Fluoranthene	UG/KG	NS	100000	22,100	80,100	NA	NA	34,500
Fluorene	UG/KG	30000	100000	1,570	7,990	NA	NA	2,590
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	7,070	15,200	NA	NA	8,660 J
Isophorone	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
Naphthalene	UG/KG	NS	100000	766 J	4,770	NA	NA	1,220
Nitrobenzene	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	3,500 U	3,100 U	NA	NA	1,800 U
Phenanthrene	UG/KG	NS	100000	16,600	74,000	NA	NA	25,900
Phenol	UG/KG	30000	100000	3,500 UJ	3,100 UJ	NA	NA	1,800 UJ
Pyrene	UG/KG	NS	100000	18,100	64,700	NA	NA	32,000

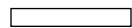
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4710-FP-S-INF	4710-FP-S-INF	4725-C	4725-C	4725-SB-N
Sample ID				4710-FP-S-INF-6-12	4710-FP-S-INF-12-20	4725-C-1-2	4725-C-4.5-5	4725-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-1.7	1.0-2.0	4.5-5.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	45 U	40 U	48 U	40 U	47 U
Aroclor 1254	UG/KG	-	-	1,500 D	3,690 D	48 U	40 U	3,710 D
Aroclor 1260	UG/KG	-	-	3,720 D	9,060 D	48 U	40 U	9,760 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	5,220	12,750	48 U	40 U	13,470
Metals								
Arsenic	MG/KG	13	16	6.0	6.9	NA	NA	13.9
Barium	MG/KG	433	350	65.6	66.7	NA	NA	91.9
Cadmium	MG/KG	4	2.5	1.9	2.6	NA	NA	3.7
Chromium	MG/KG	41	36	49.7	81.9	NA	NA	158
Lead	MG/KG	63	400	208 J	233	NA	NA	206
Mercury	MG/KG	0.18	0.81	0.60	1.1	NA	NA	1.1
Selenium	MG/KG	3.9	36	1.2 U	0.94 U	NA	NA	0.91 J
Silver	MG/KG	2	36	2.9	5.9	NA	NA	7.3

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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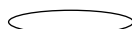
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-N	4725-SB-N	4725-SB-N	4725-SB-S	4725-SB-S
Sample ID				4725-SB-N-6-12	4725-SB-N-12-24	DUP-8	4725-SB-S-0-6	4725-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.9	3.1 U	3.3 U	2.8 U	2.7 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.1 U	3.1 U	3.3 U	2.8 U	2.7 U
1,1-Dichloroethene	UG/KG	NS	100000	1.6 U	1.5 U	1.6 U	1.4 U	1.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	20.8	13.6 J	5.1 J	2.4	5.3
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.6	1.5 U	1.6 U	1.4 U	1.3 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	7.7 U	R	1.8 J	R
Acetone	UG/KG	2200	100000	70.9 J	123	74.2 J	85.0	118 J
Benzene	UG/KG	70000	2900	0.46 J	0.30 J	0.82 U	0.82	0.58 J
Bromomethane	UG/KG	-	-	7.8 U	7.7 U	8.2 U	7 U	6.6 U
Carbon disulfide	UG/KG	-	-	1.5 J	0.67 J	3.3 U	7.3	6.8
Chloroform	UG/KG	12000	10000	3.1 U	3.1 U	3.3 U	2.8 U	2.7 U
Chloromethane	UG/KG	-	-	7.8 U	7.7 U	8.2 U	7 U	6.6 UJ
Ethylbenzene	UG/KG	NS	30000	1.6 U	1.5 U	1.6 U	1.4 U	1.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	8.1 J	19.8 J	5.9 J	16.2 J	15.8 J
Methylene chloride	UG/KG	12000	51000	7.8 U	7.7 U	8.2 U	7 U	6.6 U
Tetrachloroethene	UG/KG	2000	5500	1.2 J	3.1 U	0.61 J	2.8 U	2.7 U
Toluene	UG/KG	36000	100000	0.67 J	0.54 J	0.32 J	0.72 J	0.57 J
Trichloroethene	UG/KG	2000	10000	127	20.7 J	7.4 J	4.0	12.2
Vinyl chloride	UG/KG	NS	210	3.1 U	1.8 J	3.3 U	2.8 U	2.7 UJ

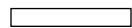
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

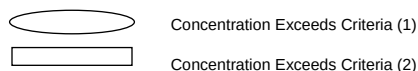
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-N	4725-SB-N	4725-SB-N	4725-SB-S	4725-SB-S
Sample ID				4725-SB-N-6-12	4725-SB-N-12-24	DUP-8	4725-SB-S-0-6	4725-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.70 J	1.5 U	1.6 U	1.4 U	0.43 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
1,2-Dichlorobenzene	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
1,3-Dichlorobenzene	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
1,4-Dichlorobenzene	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
2,4-Dimethylphenol	UG/KG	-	-	720 U	740 U	760 U	3,500 U	3,400 U
2-Methylnaphthalene	UG/KG	-	-	137 J	33.5 J	265 J	368 J	236 J
2-Nitroaniline	UG/KG	-	-	720 U	740 U	760 U	3,500 U	3,400 U
3&4-Methylphenol	UG/KG	NS	34000	720 U	740 U	760 U	3,500 U	3,400 U
4-Bromophenyl-phenylether	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
4-Chloroaniline	UG/KG	-	-	720 U	740 U	760 U	3,500 U	3,400 U
Acenaphthene	UG/KG	20000	100000	414	130 J	1,080 J	1,220	931
Acenaphthylene	UG/KG	NS	100000	102 J	57.5 J	92.4 J	158 J	101 J
Anthracene	UG/KG	NS	100000	913	308 J	1,560 J	2,710	1,580
Benzo(a)anthracene	UG/KG	NS	1000	3,050	886 J	3,880 J	11,300	6,040
Benzo(a)pyrene	UG/KG	2600	1000	2,580	796 J	2,880 J	10,000	5,460
Benzo(b)fluoranthene	UG/KG	NS	1000	2,410	753 J	2,540 J	9,570	5,410
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,660 J	430 J	1,670 J	6,810 J	3,510 J
Benzo(k)fluoranthene	UG/KG	NS	1000	2,290	650 J	2,600 J	9,160	4,970

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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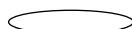
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-N	4725-SB-N	4725-SB-N	4725-SB-S	4725-SB-S
Sample ID				4725-SB-N-6-12	4725-SB-N-12-24	DUP-8	4725-SB-S-0-6	4725-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	360 UJ	370 UJ	380 UJ	1,800 UJ	1,700 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	781 J	246 J	393 J	1,000 J	1,240 J
Butylbenzylphthalate	UG/KG	-	-	360 UJ	370 UJ	380 UJ	424 J	233 J
Carbazole	UG/KG	-	-	654	215 J	1,090 J	2,490	1,390
Chrysene	UG/KG	NS	1000	2,860	814 J	3,600 J	12,100	6,180
Dibenz(a,h)anthracene	UG/KG	NS	330	542	275 J	611 J	2,140	1,540
Dibenzofuran	UG/KG	NS	14000	272	87.8 J	614 J	745	561 J
Dimethylphthalate	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
Di-n-butylphthalate	UG/KG	-	-	17.9 J	370 U	380 U	1,800 U	1,700 U
Di-n-octylphthalate	UG/KG	-	-	360 UJ	370 UJ	380 UJ	1,800 UJ	1,700 UJ
Fluoranthene	UG/KG	NS	100000	6,270	1,930 J	8,660 J	26,400	14,400
Fluorene	UG/KG	30000	100000	423	151 J	908 J	1,370	882
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,740 J	642 J	1,740 J	7,020 J	4,140 J
Isophorone	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
Naphthalene	UG/KG	NS	100000	277	65.2 J	570 J	598 J	445 J
Nitrobenzene	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	360 U	370 U	380 U	1,800 U	1,700 U
Phenanthrene	UG/KG	NS	100000	4,420	1,550 J	7,990 J	17,000	9,840
Phenol	UG/KG	30000	100000	360 UJ	370 UJ	37.8 J	1,800 UJ	1,700 UJ
Pyrene	UG/KG	NS	100000	5,850	1,710 J	8,050 J	23,800	11,900

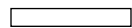
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-N	4725-SB-N	4725-SB-N	4725-SB-S	4725-SB-S
Sample ID				4725-SB-N-6-12	4725-SB-N-12-24	DUP-8	4725-SB-S-0-6	4725-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	48 U	49 U	51 U	45 U	46 U
Aroclor 1254	UG/KG	-	-	3,970 D	817 J	2,290 DJ	649	2,580 D
Aroclor 1260	UG/KG	-	-	11,200 D	6,400 D	8,880 D	2,460 D	6,150 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	15,170	7,217	11,170	3,109	8,730
Metals								
Arsenic	MG/KG	13	16	10.7	8.8	8.9	5.2	5.9
Barium	MG/KG	433	350	81.1	56.6	59.4	61.9	94.0
Cadmium	MG/KG	4	2.5	3.2	1.5	1.7	0.91	1.4
Chromium	MG/KG	41	36	129	50.2	58.8	34.1	44.7
Lead	MG/KG	63	400	193	55.7	60.7	54.9	79.9
Mercury	MG/KG	0.18	0.81	0.80	0.31	0.29	0.58	0.43
Selenium	MG/KG	3.9	36	0.69 J	0.97 J	0.78 J	1.1 U	1.1 U
Silver	MG/KG	2	36	8.4	3.2	3.6	1.4	1.7

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

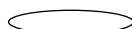
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-S	4810-SB-N	4810-SB-N	4810-SB-N	4810-SB-S
Sample ID				4725-SB-S-12-24	4810-SB-N-0-6	4810-SB-N-6-12	4810-SB-N-12-24	4810-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.4 U	3.3 U	3.1 U	1.9 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.4 U	3.3 U	3.1 U	1.9 U	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	1.2 U	1.6 U	1.6 U	0.95 U	1.2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	5.4	2.7	6.1	1.4	1.7
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 U	1.6 U	1.6 U	0.59 J	1.2 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	R	R
Acetone	UG/KG	2200	100000	106 J	90.3 J	62.8 J	42.0 J	29.1 J
Benzene	UG/KG	70000	2900	0.32 J	0.49 J	0.43 J	0.30 J	0.73
Bromomethane	UG/KG	-	-	6 U	8.2 U	7.8 U	4.7 U	5.8 U
Carbon disulfide	UG/KG	-	-	2.9	7.3	6.9	1.8 J	2.5
Chloroform	UG/KG	12000	10000	2.4 U	3.3 U	3.1 U	1.9 U	2.3 U
Chloromethane	UG/KG	-	-	6 UJ	8.2 U	7.8 U	4.7 U	5.8 U
Ethylbenzene	UG/KG	NS	30000	1.2 U	1.6 U	1.6 U	0.95 U	1.2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	10.8 J	7.2 J	4.1 J	8.9 J	R
Methylene chloride	UG/KG	12000	51000	6 U	8.2 U	7.8 U	4.7 U	5.8 U
Tetrachloroethene	UG/KG	2000	5500	2.4 U	3.3 U	3.1 U	1.9 U	2.3 U
Toluene	UG/KG	36000	100000	0.31 J	0.65 J	0.59 J	0.33 J	0.88 J
Trichloroethene	UG/KG	2000	10000	22.6	9.4	33.0	1.1	0.86 J
Vinyl chloride	UG/KG	NS	210	2.4 UJ	3.3 U	3.1 U	1.9 U	2.3 U

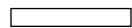
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-S	4810-SB-N	4810-SB-N	4810-SB-N	4810-SB-S
Sample ID				4725-SB-S-12-24	4810-SB-N-0-6	4810-SB-N-6-12	4810-SB-N-12-24	4810-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.34 J	1.6 U	0.58 J	0.95 U	0.50 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
1,2-Dichlorobenzene	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
1,3-Dichlorobenzene	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
1,4-Dichlorobenzene	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
2,4-Dimethylphenol	UG/KG	-	-	3,200 U	7,600 U	6,900 U	600 U	580 U
2-Methylnaphthalene	UG/KG	-	-	796	2,270	2,450	84.8 J	120 U
2-Nitroaniline	UG/KG	-	-	3,200 U	7,600 U	6,900 U	600 U	580 U
3&4-Methylphenol	UG/KG	NS	34000	3,200 U	7,600 U	6,900 U	600 U	580 U
4-Bromophenyl-phenylether	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
4-Chloroaniline	UG/KG	-	-	3,200 U	7,600 U	6,900 U	600 U	580 U
Acenaphthene	UG/KG	20000	100000	2,410	7,800	8,430	266	59.3 J
Acenaphthylene	UG/KG	NS	100000	183 J	418 J	1,380 J	34.1 J	12.7 J
Anthracene	UG/KG	NS	100000	3,690	12,800	13,900	295	149
Benzo(a)anthracene	UG/KG	NS	1000	11,500	43,300	39,300	1,050	479
Benzo(a)pyrene	UG/KG	2600	1000	9,150	35,700	29,500	970	489
Benzo(b)fluoranthene	UG/KG	NS	1000	9,190	35,700	29,300	1,000	535
Benzo(g,h,i)perylene	UG/KG	NS	100000	5,210 J	26,500 J	19,500 J	667 J	312 J
Benzo(k)fluoranthene	UG/KG	NS	1000	8,380	33,500	28,900	953	398

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-S	4810-SB-N	4810-SB-N	4810-SB-N	4810-SB-S
Sample ID				4725-SB-S-12-24	4810-SB-N-0-6	4810-SB-N-6-12	4810-SB-N-12-24	4810-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	1,600 UJ	3,800 UJ	3,400 UJ	300 UJ	290 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	1,390 J	2,620 J	2,990 J	322 J	169 J
Butylbenzylphthalate	UG/KG	-	-	1,600 U	3,800 UJ	3,400 UJ	300 UJ	290 UJ
Carbazole	UG/KG	-	-	3,330	13,200	12,700	321	83.4 J
Chrysene	UG/KG	NS	1000	11,800	47,000	40,800	1,240	511
Dibenz(a,h)anthracene	UG/KG	NS	330	2,170	6,970	5,400	291	203
Dibenzofuran	UG/KG	NS	14000	2,290	6,080	6,390	188	26.2 J
Dimethylphthalate	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
Di-n-butylphthalate	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
Di-n-octylphthalate	UG/KG	-	-	1,600 UJ	3,800 UJ	3,400 UJ	300 UJ	290 UJ
Fluoranthene	UG/KG	NS	100000	28,200	118,000	108,000	2,800	1,080
Fluorene	UG/KG	30000	100000	2,530	8,210	9,610	221	64.5 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	6,470 J	26,200 J	19,200 J	802 J	451 J
Isophorone	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
Naphthalene	UG/KG	NS	100000	1,890	5,210	4,470	144	14.5 J
Nitrobenzene	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	1,600 U	3,800 U	3,400 U	300 U	290 U
Phenanthrene	UG/KG	NS	100000	27,800	101,000	94,800	2,440	646
Phenol	UG/KG	30000	100000	1,600 UJ	3,800 UJ	3,400 UJ	300 UJ	290 UJ
Pyrene	UG/KG	NS	100000	23,900	101,000	85,900	2,480	967

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (2)

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4725-SB-S	4810-SB-N	4810-SB-N	4810-SB-N	4810-SB-S
Sample ID				4725-SB-S-12-24	4810-SB-N-0-6	4810-SB-N-6-12	4810-SB-N-12-24	4810-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	51 U	44 U	410 U	6,610 D
Aroclor 1254	UG/KG	-	-	4,920 D	1,550 D	1,430 D	22,500 D	39 U
Aroclor 1260	UG/KG	-	-	8,350 D	4,730 D	3,460 D	34,700 D	591
Total Polychlorinated Biphenyls	UG/KG	1000	1000	13,270	6,280	4,890	57,200	7,201
Metals								
Arsenic	MG/KG	13	16	14.6	7.6	8.0	4.8	6.0
Barium	MG/KG	433	350	111	55.7	71.0	34.7	59.6
Cadmium	MG/KG	4	2.5	2.6	1.6	1.0	0.72	0.13 J
Chromium	MG/KG	41	36	117	48.8	99.9	34.3	18.6
Lead	MG/KG	63	400	198	69.3	180	53.2	16.6
Mercury	MG/KG	0.18	0.81	1.0	0.36	0.37	7.5	0.032 U
Selenium	MG/KG	3.9	36	0.99 U	1.0 J	0.66 J	0.54 J	0.50 J
Silver	MG/KG	2	36	5.7	0.97	2.2	0.55	0.25 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4810-SB-S	4810-SB-S	5150-C	5150-C	5150-FP-S-H
Sample ID				4810-SB-S-6-12	4810-SB-S-12-24	5150-C-5-6	5150-C-1.5-2.5	5150-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	5.0-6.0	1.5-2.5	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/27/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.7 U	2.3 U	R	2.1 U	8.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.7 U	2.3 U	R	2.1 U	8.2 U
1,1-Dichloroethene	UG/KG	NS	100000	0.86 U	1.1 U	R	1 U	4.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	0.86 U	1.1 U	R	1 U	8.3
1,2-Dichloroethene (trans)	UG/KG	NS	100000	0.86 U	1.1 U	R	1 U	4.1 U
2-Hexanone	UG/KG	-	-	R	R	R	R	R
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	5.2 U	7.9 J
Acetone	UG/KG	2200	100000	26.3 J	24.6 J	20.4 J	30.5	153 J
Benzene	UG/KG	70000	2900	0.34 J	0.35 J	R	0.28 J	1.4 J
Bromomethane	UG/KG	-	-	4.3 U	5.7 U	R	5.2 U	20 U
Carbon disulfide	UG/KG	-	-	0.83 J	2.4	2.1 J	0.60 J	6.2 J
Chloroform	UG/KG	12000	10000	1.7 U	2.3 U	R	2.1 U	8.2 U
Chloromethane	UG/KG	-	-	4.3 U	5.7 U	R	5.2 U	20 U
Ethylbenzene	UG/KG	NS	30000	0.86 U	1.1 U	R	1 U	4.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	R	2.1 J	17.8 J
Methylene chloride	UG/KG	12000	51000	4.3 U	5.7 U	0.85 J	5.2 U	20 U
Tetrachloroethene	UG/KG	2000	5500	1.7 U	2.3 U	R	2.1 U	8.2 U
Toluene	UG/KG	36000	100000	0.20 J	0.23 J	R	1 U	1.0 J
Trichloroethene	UG/KG	2000	10000	1.1	2.1	R	1 U	3.6 J
Vinyl chloride	UG/KG	NS	210	1.7 U	2.3 U	R	2.1 U	8.2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

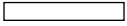
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4810-SB-S	4810-SB-S	5150-C	5150-C	5150-FP-S-H
Sample ID				4810-SB-S-6-12	4810-SB-S-12-24	5150-C-5-6	5150-C-1.5-2.5	5150-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	5.0-6.0	1.5-2.5	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/27/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.86 U	1.1 U	R	1 U	4.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
1,2-Dichlorobenzene	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
1,3-Dichlorobenzene	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
1,4-Dichlorobenzene	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
2,4-Dimethylphenol	UG/KG	-	-	570 U	610 U	600 U	610 U	930 U
2-Methylnaphthalene	UG/KG	-	-	110 U	120 U	120 U	120 U	22.7 J
2-Nitroaniline	UG/KG	-	-	570 U	610 U	600 U	610 U	930 U
3&4-Methylphenol	UG/KG	NS	34000	570 U	610 U	600 U	610 U	930 U
4-Bromophenyl-phenylether	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
4-Chloroaniline	UG/KG	-	-	570 U	610 U	600 U	610 U	930 U
Acenaphthene	UG/KG	20000	100000	31.0 J	120 U	120 U	120 U	96.9 J
Acenaphthylene	UG/KG	NS	100000	28.8 J	120 U	120 U	120 U	46.0 J
Anthracene	UG/KG	NS	100000	138	17.3 J	120 U	120 U	306
Benzo(a)anthracene	UG/KG	NS	1000	461	58.9 J	120 U	120 U	1,170
Benzo(a)pyrene	UG/KG	2600	1000	447	146	120 U	120 U	1,400
Benzo(b)fluoranthene	UG/KG	NS	1000	440	147	120 U	120 U	1,710
Benzo(g,h,i)perylene	UG/KG	NS	100000	270 J	33.6 J	120 UJ	120 U	1,230
Benzo(k)fluoranthene	UG/KG	NS	1000	360	35.8 J	120 U	120 U	1,350

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

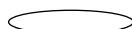
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4810-SB-S	4810-SB-S	5150-C	5150-C	5150-FP-S-H
Sample ID				4810-SB-S-6-12	4810-SB-S-12-24	5150-C-5-6	5150-C-1.5-2.5	5150-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	5.0-6.0	1.5-2.5	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/27/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	290 UJ	300 UJ	300 U	300 UJ	470 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	171 J	175 J	300 UJ	300 U	646
Butylbenzylphthalate	UG/KG	-	-	290 UJ	300 UJ	300 U	300 U	470 U
Carbazole	UG/KG	-	-	43.7 J	120 U	120 U	120 U	270
Chrysene	UG/KG	NS	1000	440	54.7 J	120 U	120 U	1,420
Dibenz(a,h)anthracene	UG/KG	NS	330	194	161	120 U	120 U	395
Dibenzofuran	UG/KG	NS	14000	16.0 J	120 U	120 U	120 U	55.9 J
Dimethylphthalate	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
Di-n-butylphthalate	UG/KG	-	-	290 U	300 U	300 U	300 U	31.6 J
Di-n-octylphthalate	UG/KG	-	-	290 UJ	300 UJ	300 UJ	300 U	470 U
Fluoranthene	UG/KG	NS	100000	980	115 J	120 U	120 U	2,830
Fluorene	UG/KG	30000	100000	39.4 J	120 U	120 U	120 U	122 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	423 J	241 J	120 U	120 U	1,230
Isophorone	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
Naphthalene	UG/KG	NS	100000	110 U	120 U	120 U	120 U	37.7 J
Nitrobenzene	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	290 U	300 U	300 U	300 U	470 U
Phenanthrene	UG/KG	NS	100000	534	73.3 J	120 U	120 U	1,490
Phenol	UG/KG	30000	100000	290 UJ	300 UJ	300 U	300 UJ	470 UJ
Pyrene	UG/KG	NS	100000	871	102 J	120 U	120 U	2,290

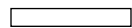
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				4810-SB-S	4810-SB-S	5150-C	5150-C	5150-FP-S-H
Sample ID				4810-SB-S-6-12	4810-SB-S-12-24	5150-C-5-6	5150-C-1.5-2.5	5150-FP-S-H-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	5.0-6.0	1.5-2.5	0.0-0.5
Date Sampled				04/29/16	04/29/16	04/27/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	1,270 D	41 U	38 U	41 U	61 U
Aroclor 1254	UG/KG	-	-	39 U	229	38 U	41 U	84.9
Aroclor 1260	UG/KG	-	-	389	770	38 U	41 U	85.0
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,659	999	38 U	41 U	169.9
Metals								
Arsenic	MG/KG	13	16	5.1	5.0	4.8	6.9	4.7
Barium	MG/KG	433	350	46.6	67.5	91.2	110	111
Cadmium	MG/KG	4	2.5	0.15 J	0.15 J	0.35 U	0.037 J	0.49
Chromium	MG/KG	41	36	22.4	15.2	14.6	12.7	61.9
Lead	MG/KG	63	400	18.1	15.0	7.1	7.8	76.1
Mercury	MG/KG	0.18	0.81	0.042	0.043	0.013 J	0.031 U	0.056
Selenium	MG/KG	3.9	36	0.30 J	0.32 J	0.49 J	0.92 U	1.2 U
Silver	MG/KG	2	36	0.27 J	0.53	0.13 J	0.46 U	0.61 U

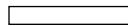
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-H	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L
Sample ID				5150-FP-S-H-6-18	5150-FP-S-L-0-2	5150-FP-S-L-0-6	5150-FP-S-L-6-12	5150-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.6 U	NA	2.9 U	2.9 U	3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.6 U	NA	2.9 U	2.9 U	3 U
1,1-Dichloroethene	UG/KG	NS	100000	1.3 U	NA	2.9 U	2.9 U	3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.1	NA	2.9 U	2.9 U	3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.3 U	NA	2.9 U	2.9 U	3 U
2-Hexanone	UG/KG	-	-	R	NA	14 UJ	15 UJ	15 UJ
4-Methyl-2-pentanone	UG/KG	-	-	R	NA	7.2 U	7.3 U	7.6 U
Acetone	UG/KG	2200	100000	411 J	NA	R	R	R
Benzene	UG/KG	70000	2900	0.43 J	NA	0.72 U	0.73 U	0.76 U
Bromomethane	UG/KG	-	-	6.6 U	NA	2.9 UJ	2.9 UJ	3 UJ
Carbon disulfide	UG/KG	-	-	15.3	NA	7.2 U	7.3 U	7.6 U
Chloroform	UG/KG	12000	10000	2.6 U	NA	2.9 U	2.9 U	3 U
Chloromethane	UG/KG	-	-	6.6 U	NA	7.2 UJ	7.3 UJ	7.6 UJ
Ethylbenzene	UG/KG	NS	30000	1.3 U	NA	2.9 U	2.9 U	3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	38.5 J	NA	R	R	R
Methylene chloride	UG/KG	12000	51000	6.6 U	NA	2.9 UJ	5.0 J	1.5 J
Tetrachloroethene	UG/KG	2000	5500	2.6 U	NA	2.9 U	2.9 U	3 U
Toluene	UG/KG	36000	100000	0.42 J	NA	7.2 U	7.3 U	7.6 U
Trichloroethene	UG/KG	2000	10000	1.3 U	NA	2.9 U	3.3 J	2.1 J
Vinyl chloride	UG/KG	NS	210	2.6 U	NA	2.9 U	2.9 U	3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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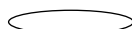
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-H	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L
Sample ID				5150-FP-S-H-6-18	5150-FP-S-L-0-2	5150-FP-S-L-0-6	5150-FP-S-L-6-12	5150-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.3 U	NA	2.9 U	2.9 U	3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
1,2-Dichlorobenzene	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
1,3-Dichlorobenzene	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
1,4-Dichlorobenzene	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
2,4-Dimethylphenol	UG/KG	-	-	7,400 U	3,600 U	NA	720 U	3,800 U
2-Methylnaphthalene	UG/KG	-	-	1,500 U	720 UJ	NA	42.6 J	760 UJ
2-Nitroaniline	UG/KG	-	-	7,400 U	3,600 U	NA	720 U	3,800 U
3&4-Methylphenol	UG/KG	NS	34000	7,400 U	3,600 U	NA	720 U	3,800 U
4-Bromophenyl-phenylether	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
4-Chloroaniline	UG/KG	-	-	7,400 U	3,600 U	NA	720 U	3,800 U
Acenaphthene	UG/KG	20000	100000	163 J	160 J	NA	178	286 J
Acenaphthylene	UG/KG	NS	100000	1,500 U	720 U	NA	59.2 J	760 U
Anthracene	UG/KG	NS	100000	417 J	486 J	NA	510	719 J
Benzo(a)anthracene	UG/KG	NS	1000	1,750	2,760	NA	2,500	3,150
Benzo(a)pyrene	UG/KG	2600	1000	2,990	3,870	NA	3,200	3,670
Benzo(b)fluoranthene	UG/KG	NS	1000	3,160	6,010	NA	4,220	3,920
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,290 J	3,450	NA	2,420	2,710
Benzo(k)fluoranthene	UG/KG	NS	1000	1,630	2,800	NA	2,170	3,360

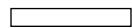
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-H	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L
Sample ID				5150-FP-S-H-6-18	5150-FP-S-L-0-2	5150-FP-S-L-0-6	5150-FP-S-L-6-12	5150-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	3,700 UJ	1,800 U	NA	360 U	1,900 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	2,850 J	283 J	NA	217 J	370 J
Butylbenzylphthalate	UG/KG	-	-	3,700 U	1,800 U	NA	199 J	1,070 J
Carbazole	UG/KG	-	-	326 J	565 J	NA	476	693 J
Chrysene	UG/KG	NS	1000	2,000	4,460	NA	3,270	3,880
Dibenz(a,h)anthracene	UG/KG	NS	330	1,500 U	966	NA	788	896
Dibenzofuran	UG/KG	NS	14000	1,500 U	135 J	NA	110 J	164 J
Dimethylphthalate	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
Di-n-butylphthalate	UG/KG	-	-	3,700 U	1,800 U	NA	338 J	1,900 U
Di-n-octylphthalate	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
Fluoranthene	UG/KG	NS	100000	3,970	8,370	NA	7,180	8,310
Fluorene	UG/KG	30000	100000	197 J	226 J	NA	187	320 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	3,650	2,940	NA	2,180	2,470
Isophorone	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
Naphthalene	UG/KG	NS	100000	1,500 U	720 U	NA	62.1 J	760 U
Nitrobenzene	UG/KG	-	-	3,700 U	1,800 U	NA	360 U	1,900 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	3,700 U	1,800 UJ	NA	360 UJ	1,900 UJ
Phenanthrene	UG/KG	NS	100000	2,100	2,970	NA	3,070	4,070
Phenol	UG/KG	30000	100000	3,700 UJ	1,800 U	NA	360 U	1,900 U
Pyrene	UG/KG	NS	100000	3,390	6,020	NA	4,750	5,830

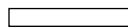
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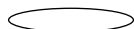
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-H	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L	5150-FP-S-L
Sample ID				5150-FP-S-H-6-18	5150-FP-S-L-0-2	5150-FP-S-L-0-6	5150-FP-S-L-6-12	5150-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	51 U	49 U	NA	46 U	49 U
Aroclor 1254	UG/KG	-	-	44.3 J	332 J	NA	497	334 J
Aroclor 1260	UG/KG	-	-	74.4	663	NA	1,410 DJ	670
Total Polychlorinated Biphenyls	UG/KG	1000	1000	118.7	995	NA	1,907	1,004
Metals								
Arsenic	MG/KG	13	16	3.6	6.0	NA	6.0	6.0
Barium	MG/KG	433	350	67.5	78.2	NA	83.3	84.4
Cadmium	MG/KG	4	2.5	0.63	0.80	NA	1.1	1.5
Chromium	MG/KG	41	36	63.7	37.3	NA	40.3	38.7
Lead	MG/KG	63	400	62.8	45.9	NA	66.9	82.7
Mercury	MG/KG	0.18	0.81	0.031 J	0.15	NA	0.26	0.36
Selenium	MG/KG	3.9	36	1.1 U	1.1 U	NA	1.1 U	0.44 J
Silver	MG/KG	2	36	0.53 U	0.67	NA	1.1	4.5

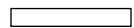
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

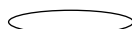
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-M	5150-FP-S-M	5175-FP-S-M	5175-FP-S-M	5175-FP-S-M
Sample ID				5150-FP-S-M-UNSAT	5150-FP-S-M-SAT	5175-FP-S-M-0-2	5175-FP-S-M-0-6	5175-FP-S-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	4 U	3.6 U	NA	3.2 U	2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	4 U	3.6 U	NA	3.2 U	2 U
1,1-Dichloroethene	UG/KG	NS	100000	2 U	1.8 U	NA	1.6 U	1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2 U	1.4 J	NA	7.7	2.4
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2 U	1.8 U	NA	1.6 U	1 U
2-Hexanone	UG/KG	-	-	R	R	NA	R	R
4-Methyl-2-pentanone	UG/KG	-	-	32.7	R	NA	R	R
Acetone	UG/KG	2200	100000	176	72.7 J	NA	130 J	48.2 J
Benzene	UG/KG	70000	2900	0.64 J	0.39 J	NA	0.79 J	0.37 J
Bromomethane	UG/KG	-	-	9.9 U	9.1 U	NA	8.1 U	5.1 U
Carbon disulfide	UG/KG	-	-	3.1 J	4.9	NA	12.7	2.2
Chloroform	UG/KG	12000	10000	4 U	3.6 U	NA	3.2 U	2 U
Chloromethane	UG/KG	-	-	9.9 U	9.1 U	NA	8.1 U	5.1 U
Ethylbenzene	UG/KG	NS	30000	2 U	1.8 U	NA	0.67 J	1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	35.1 J	R	NA	11.2 J	3.1 J
Methylene chloride	UG/KG	12000	51000	9.9 U	9.1 U	NA	8.1 U	5.1 U
Tetrachloroethene	UG/KG	2000	5500	4 U	3.6 U	NA	3.2 U	2 U
Toluene	UG/KG	36000	100000	0.49 J	0.34 J	NA	1.3 J	0.39 J
Trichloroethene	UG/KG	2000	10000	0.83 J	1.8 U	NA	21.3	6.5
Vinyl chloride	UG/KG	NS	210	4 U	3.6 U	NA	3.2 U	2 U

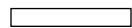
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-M	5150-FP-S-M	5175-FP-S-M	5175-FP-S-M	5175-FP-S-M
Sample ID				5150-FP-S-M-UNSAT	5150-FP-S-M-SAT	5175-FP-S-M-0-2	5175-FP-S-M-0-6	5175-FP-S-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2 U	1.8 U	NA	3.3	0.27 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
1,2-Dichlorobenzene	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
1,3-Dichlorobenzene	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
1,4-Dichlorobenzene	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
2,4-Dimethylphenol	UG/KG	-	-	3,700 U	3,700 U	650 U	NA	570 U
2-Methylnaphthalene	UG/KG	-	-	106 J	740 U	35.3 J	NA	26.2 J
2-Nitroaniline	UG/KG	-	-	3,700 U	3,700 U	650 U	NA	570 U
3&4-Methylphenol	UG/KG	NS	34000	3,700 U	3,700 U	650 U	NA	570 U
4-Bromophenyl-phenylether	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
4-Chloroaniline	UG/KG	-	-	3,700 U	3,700 U	650 U	NA	570 U
Acenaphthene	UG/KG	20000	100000	566 J	168 J	95.5 J	NA	73.4 J
Acenaphthylene	UG/KG	NS	100000	139 J	76.7 J	57.9 J	NA	79.0 J
Anthracene	UG/KG	NS	100000	1,630	416 J	240	NA	181
Benzo(a)anthracene	UG/KG	NS	1000	5,350	2,140	806	NA	625
Benzo(a)pyrene	UG/KG	2600	1000	5,390	2,810	812	NA	749
Benzo(b)fluoranthene	UG/KG	NS	1000	5,750	3,300	798	NA	807
Benzo(g,h,i)perylene	UG/KG	NS	100000	3,420	1,710	419	NA	387
Benzo(k)fluoranthene	UG/KG	NS	1000	4,800	2,120	752	NA	665

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

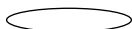
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-M	5150-FP-S-M	5175-FP-S-M	5175-FP-S-M	5175-FP-S-M
Sample ID				5150-FP-S-M-UNSAT	5150-FP-S-M-SAT	5175-FP-S-M-0-2	5175-FP-S-M-0-6	5175-FP-S-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	1,800 UJ	1,800 UJ	320 UJ	NA	290 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	1,740 J	3,170	208 J	NA	282 J
Butylbenzylphthalate	UG/KG	-	-	1,800 U	446 J	320 U	NA	290 U
Carbazole	UG/KG	-	-	1,520	331 J	180	NA	118
Chrysene	UG/KG	NS	1000	5,810	2,690	840	NA	705
Dibenz(a,h)anthracene	UG/KG	NS	330	1,510	1,190	246	NA	224
Dibenzofuran	UG/KG	NS	14000	333 J	96.4 J	72.0 J	NA	45.0 J
Dimethylphthalate	UG/KG	-	-	1,800 U	110 J	320 U	NA	290 U
Di-n-butylphthalate	UG/KG	-	-	101 J	1,800 U	26.3 J	NA	290 U
Di-n-octylphthalate	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
Fluoranthene	UG/KG	NS	100000	12,700	5,090	1,790	NA	1,290
Fluorene	UG/KG	30000	100000	715 J	158 J	113 J	NA	86.7 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	4,070	2,610	570	NA	535
Isophorone	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
Naphthalene	UG/KG	NS	100000	192 J	740 U	65.5 J	NA	40.8 J
Nitrobenzene	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	1,800 U	1,800 U	320 U	NA	290 U
Phenanthrene	UG/KG	NS	100000	8,080	1,970	1,190	NA	775
Phenol	UG/KG	30000	100000	1,800 UJ	1,800 UJ	320 UJ	NA	290 UJ
Pyrene	UG/KG	NS	100000	10,400	4,350	1,460	NA	1,090

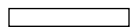
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5150-FP-S-M	5150-FP-S-M	5175-FP-S-M	5175-FP-S-M	5175-FP-S-M
Sample ID				5150-FP-S-M-UNSAT	5150-FP-S-M-SAT	5175-FP-S-M-0-2	5175-FP-S-M-0-6	5175-FP-S-M-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/29/16	04/29/16	04/29/16	04/29/16	04/29/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	50 U	49 U	44 U	NA	37 U
Aroclor 1254	UG/KG	-	-	126	97.6	1,180 D	NA	812 DJ
Aroclor 1260	UG/KG	-	-	202	180	5,920 D	NA	1,670 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	328	277.6	7,100	NA	2,482
Metals								
Arsenic	MG/KG	13	16	5.7	4.6	5.4	NA	5.4
Barium	MG/KG	433	350	125	79.3	63.9	NA	60.9
Cadmium	MG/KG	4	2.5	0.81	1.2	0.64	NA	0.58
Chromium	MG/KG	41	36	52.3	39.0	32.7	NA	24.6
Lead	MG/KG	63	400	67.4	95.5	38.0	NA	32.2
Mercury	MG/KG	0.18	0.81	0.11	0.062	0.20	NA	0.17
Selenium	MG/KG	3.9	36	1.1 U	1.1 U	1 U	NA	0.9 U
Silver	MG/KG	2	36	0.57 U	0.80	0.76	NA	0.48

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

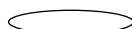
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5175-FP-S-M	5210-OF-001	5210-OF-001	5210-OF-001	5210-OF-001
Sample ID				5175-FP-S-M-12-24	5210-OF-001-0-2	5210-OF-001-0-6	5210-OF-001-6-12	5210-OF-001-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.9 U	NA	3.2 U	3 U	2.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.9 U	NA	3.2 U	3 U	2.9 U
1,1-Dichloroethene	UG/KG	NS	100000	0.93 U	NA	3.2 U	3 U	2.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	0.93 U	NA	2.5 J	3 U	2.9 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	0.93 U	NA	3.2 U	3 U	2.9 U
2-Hexanone	UG/KG	-	-	R	NA	16 UJ	15 UJ	15 UJ
4-Methyl-2-pentanone	UG/KG	-	-	R	NA	8 U	7.6 U	7.3 U
Acetone	UG/KG	2200	100000	32.6 J	NA	R	29.9 J	27.7 J
Benzene	UG/KG	70000	2900	0.45 J	NA	0.8 U	0.76 U	0.73 U
Bromomethane	UG/KG	-	-	4.7 U	NA	3.2 UJ	3 UJ	2.9 UJ
Carbon disulfide	UG/KG	-	-	1.3 J	NA	8 U	3.0 J	0.72 J
Chloroform	UG/KG	12000	10000	1.9 U	NA	3.2 U	1.4 J	0.79 J
Chloromethane	UG/KG	-	-	4.7 U	NA	8 UJ	7.6 UJ	7.3 UJ
Ethylbenzene	UG/KG	NS	30000	0.93 U	NA	3.2 U	3 U	2.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	R	R	R
Methylene chloride	UG/KG	12000	51000	4.7 U	NA	1.2 J	4.6 J	2.2 J
Tetrachloroethene	UG/KG	2000	5500	1.9 U	NA	3.2 U	3 U	2.9 U
Toluene	UG/KG	36000	100000	0.41 J	NA	8 U	7.6 U	7.3 U
Trichloroethene	UG/KG	2000	10000	2.6	NA	2.4 J	3.4 J	1.5 J
Vinyl chloride	UG/KG	NS	210	1.9 U	NA	3.2 U	3 U	2.9 U

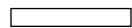
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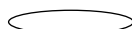
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5175-FP-S-M	5210-OF-001	5210-OF-001	5210-OF-001	5210-OF-001
Sample ID				5175-FP-S-M-12-24	5210-OF-001-0-2	5210-OF-001-0-6	5210-OF-001-6-12	5210-OF-001-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.21 J	NA	3.2 U	3 U	2.9 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
1,2-Dichlorobenzene	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
1,3-Dichlorobenzene	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
1,4-Dichlorobenzene	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
2,4-Dimethylphenol	UG/KG	-	-	530 U	1,400 UJ	NA	R	710 U
2-Methylnaphthalene	UG/KG	-	-	17.7 J	270 UJ	NA	R	33.9 J
2-Nitroaniline	UG/KG	-	-	530 U	1,400 UJ	NA	R	710 U
3&4-Methylphenol	UG/KG	NS	34000	530 U	1,400 UJ	NA	R	129 J
4-Bromophenyl-phenylether	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
4-Chloroaniline	UG/KG	-	-	530 U	1,400 UJ	NA	R	710 U
Acenaphthene	UG/KG	20000	100000	91.7 J	270 UJ	NA	R	66.8 J
Acenaphthylene	UG/KG	NS	100000	47.0 J	270 UJ	NA	R	140 U
Anthracene	UG/KG	NS	100000	181	95.2 J	NA	245 J	193
Benzo(a)anthracene	UG/KG	NS	1000	656	614 J	NA	715 J	585
Benzo(a)pyrene	UG/KG	2600	1000	683	912 J	NA	781 J	577
Benzo(b)fluoranthene	UG/KG	NS	1000	682	1,250 J	NA	643 J	554
Benzo(g,h,i)perylene	UG/KG	NS	100000	350	792 J	NA	420 J	318
Benzo(k)fluoranthene	UG/KG	NS	1000	591	1,060 J	NA	692 J	477

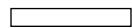
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Advanced Selection: amk-temj

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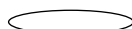
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5175-FP-S-M	5210-OF-001	5210-OF-001	5210-OF-001	5210-OF-001
Sample ID				5175-FP-S-M-12-24	5210-OF-001-0-2	5210-OF-001-0-6	5210-OF-001-6-12	5210-OF-001-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	270 UJ	680 UJ	NA	R	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	166 J	680 UJ	NA	R	108 J
Butylbenzylphthalate	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
Carbazole	UG/KG	-	-	138	140 J	NA	194 J	124 J
Chrysene	UG/KG	NS	1000	716	1,100 J	NA	785 J	583
Dibenz(a,h)anthracene	UG/KG	NS	330	202	239 J	NA	R	118 J
Dibenzofuran	UG/KG	NS	14000	56.5 J	270 UJ	NA	R	61.2 J
Dimethylphthalate	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
Di-n-butylphthalate	UG/KG	-	-	12.3 J	680 UJ	NA	R	350 U
Di-n-octylphthalate	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
Fluoranthene	UG/KG	NS	100000	1,600	1,950 J	NA	1,720 J	1,310
Fluorene	UG/KG	30000	100000	128	270 UJ	NA	R	80.3 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	505	733 J	NA	426 J	306
Isophorone	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
Naphthalene	UG/KG	NS	100000	26.4 J	270 UJ	NA	R	54.5 J
Nitrobenzene	UG/KG	-	-	270 U	680 UJ	NA	R	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	270 U	680 UJ	NA	R	350 UJ
Phenanthrene	UG/KG	NS	100000	1,120	578 J	NA	1,180 J	906
Phenol	UG/KG	30000	100000	270 UJ	680 UJ	NA	R	350 U
Pyrene	UG/KG	NS	100000	1,310	1,340 J	NA	1,230 J	922

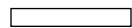
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5175-FP-S-M	5210-OF-001	5210-OF-001	5210-OF-001	5210-OF-001
Sample ID				5175-FP-S-M-12-24	5210-OF-001-0-2	5210-OF-001-0-6	5210-OF-001-6-12	5210-OF-001-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/29/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	35 U	90 UJ	NA	50 U	46 U
Aroclor 1254	UG/KG	-	-	365	399 J	NA	608 J	4,140 DJ
Aroclor 1260	UG/KG	-	-	2,050 D	469 J	NA	1,800 D	6,100 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	2,415	868	NA	2,408	10,240
Metals								
Arsenic	MG/KG	13	16	5.1	11.2 J	NA	7.7	9.9
Barium	MG/KG	433	350	53.2	85.6 J	NA	82.2	74.7
Cadmium	MG/KG	4	2.5	0.34	0.70 J	NA	1.0	2.7
Chromium	MG/KG	41	36	15.7	35.5 J	NA	27.8	74.5
Lead	MG/KG	63	400	29.2	39.7 J	NA	30.7	122
Mercury	MG/KG	0.18	0.81	0.11	0.19 J	NA	0.27	0.76
Selenium	MG/KG	3.9	36	0.85 U	0.76 J	NA	1.1 U	1.1 U
Silver	MG/KG	2	36	0.11 J	0.82 J	NA	0.62	5.2

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5210-OFB-001	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H
Sample ID				5210-OFB-001-48-54	5240-FP-S-H-0-2	5240-FP-S-H-0-6	5240-FP-S-H-6-12	5240-FP-S-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	0.44 J	NA	2.5 U	2.1 U	2.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.9 U	NA	2.5 U	2.1 U	2.2 U
1,1-Dichloroethene	UG/KG	NS	100000	1.9 U	NA	2.5 U	2.1 U	2.2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.3 J	NA	2.5 U	2.1 U	2.2 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.9 U	NA	2.5 U	2.1 U	2.2 U
2-Hexanone	UG/KG	-	-	9.5 UJ	NA	13 UJ	11 UJ	11 UJ
4-Methyl-2-pentanone	UG/KG	-	-	4.8 U	NA	6.4 U	5.3 U	5.6 U
Acetone	UG/KG	2200	100000	59.2 J	NA	R	R	R
Benzene	UG/KG	70000	2900	0.48 U	NA	0.64 U	0.53 U	0.56 U
Bromomethane	UG/KG	-	-	1.9 UJ	NA	2.5 UJ	2.1 UJ	2.2 UJ
Carbon disulfide	UG/KG	-	-	2.4 J	NA	6.4 U	5.3 U	5.6 U
Chloroform	UG/KG	12000	10000	1.9 U	NA	0.68 J	0.61 J	2.2 U
Chloromethane	UG/KG	-	-	4.8 UJ	NA	6.4 UJ	5.3 UJ	5.6 UJ
Ethylbenzene	UG/KG	NS	30000	1.9 U	NA	2.5 U	2.1 U	2.2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	3.4 J	NA	R	R	R
Methylene chloride	UG/KG	12000	51000	1.9 UJ	NA	0.60 J	5.3 J	2.2 UJ
Tetrachloroethene	UG/KG	2000	5500	1.9 U	NA	2.5 U	2.1 U	2.2 U
Toluene	UG/KG	36000	100000	4.8 U	NA	6.4 U	5.3 U	5.6 U
Trichloroethene	UG/KG	2000	10000	17.4 J	NA	2.2 J	3.0	1.7 J
Vinyl chloride	UG/KG	NS	210	1.9 U	NA	2.5 U	2.1 U	2.2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

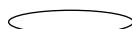
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5210-OFB-001	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H
Sample ID				5210-OFB-001-48-54	5240-FP-S-H-0-2	5240-FP-S-H-0-6	5240-FP-S-H-6-12	5240-FP-S-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.9 U	NA	2.5 U	2.1 U	2.2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
1,2-Dichlorobenzene	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
1,3-Dichlorobenzene	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
1,4-Dichlorobenzene	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
2,4-Dimethylphenol	UG/KG	-	-	530 U	720 U	NA	580 U	550 U
2-Methylnaphthalene	UG/KG	-	-	110 UJ	46.1 J	NA	28.0 J	110 UJ
2-Nitroaniline	UG/KG	-	-	530 U	720 U	NA	580 U	550 U
3&4-Methylphenol	UG/KG	NS	34000	530 U	720 U	NA	580 U	550 U
4-Bromophenyl-phenylether	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
4-Chloroaniline	UG/KG	-	-	530 U	720 U	NA	580 U	550 U
Acenaphthene	UG/KG	20000	100000	21.1 J	94.4 J	NA	47.8 J	110 U
Acenaphthylene	UG/KG	NS	100000	110 U	98.0 J	NA	94.2 J	14.6 J
Anthracene	UG/KG	NS	100000	41.4 J	354	NA	161	36.0 J
Benzo(a)anthracene	UG/KG	NS	1000	137	1,050	NA	424	89.1 J
Benzo(a)pyrene	UG/KG	2600	1000	137	1,090	NA	507	99.5 J
Benzo(b)fluoranthene	UG/KG	NS	1000	139	1,100	NA	599	103 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	80.0 J	713	NA	362	94.9 J
Benzo(k)fluoranthene	UG/KG	NS	1000	121	1,040	NA	332	82.1 J

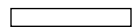
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5210-OFB-001	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H
Sample ID				5210-OFB-001-48-54	5240-FP-S-H-0-2	5240-FP-S-H-0-6	5240-FP-S-H-6-12	5240-FP-S-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	36.0 J	168 J	NA	74.5 J	23.6 J
Butylbenzylphthalate	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
Carbazole	UG/KG	-	-	30.7 J	249	NA	78.1 J	16.6 J
Chrysene	UG/KG	NS	1000	146	1,240	NA	514	99.1 J
Dibenz(a,h)anthracene	UG/KG	NS	330	20.4 J	241	NA	109 J	20.1 J
Dibenzofuran	UG/KG	NS	14000	110 U	52.4 J	NA	26.8 J	110 U
Dimethylphthalate	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
Di-n-butylphthalate	UG/KG	-	-	260 U	60.7 J	NA	15.3 J	280 U
Di-n-octylphthalate	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
Fluoranthene	UG/KG	NS	100000	323	2,880	NA	1,190	186
Fluorene	UG/KG	30000	100000	21.1 J	106 J	NA	52.0 J	110 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	75.8 J	637	NA	308	74.5 J
Isophorone	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
Naphthalene	UG/KG	NS	100000	110 U	40.3 J	NA	21.6 J	110 U
Nitrobenzene	UG/KG	-	-	260 U	360 U	NA	290 U	280 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	260 UJ	360 UJ	NA	290 UJ	280 UJ
Phenanthrene	UG/KG	NS	100000	212	1,580	NA	604	101 J
Phenol	UG/KG	30000	100000	260 U	360 U	NA	290 U	280 U
Pyrene	UG/KG	NS	100000	235	2,070	NA	851	142

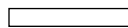
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5210-OFB-001	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H	5240-FP-S-H
Sample ID				5210-OFB-001-48-54	5240-FP-S-H-0-2	5240-FP-S-H-0-6	5240-FP-S-H-6-12	5240-FP-S-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	35 U	48 U	NA	37 U	37 U
Aroclor 1254	UG/KG	-	-	281 J	48 U	NA	37 U	37 U
Aroclor 1260	UG/KG	-	-	287	4,090 D	NA	4,580 D	9,620 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	568	4,090	NA	4,580	9,620
Metals								
Arsenic	MG/KG	13	16	6.2	33.3	NA	49.5	61.9
Barium	MG/KG	433	350	10.2	65.0	NA	43.9	63.0
Cadmium	MG/KG	4	2.5	0.23 J	1.7	NA	1.3	1.1
Chromium	MG/KG	41	36	89.6	26.9	NA	15.0	17.2
Lead	MG/KG	63	400	8.0	161	NA	108	33.2
Mercury	MG/KG	0.18	0.81	0.10	0.19	NA	0.10	0.051
Selenium	MG/KG	3.9	36	0.83 U	0.40 J	NA	0.38 J	0.91 U
Silver	MG/KG	2	36	0.42 U	0.47 J	NA	0.25 J	0.28 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-M
Sample ID				5240-FP-S-L-0-2	5240-FP-S-L-0-6	5240-FP-S-L-6-12	5240-FP-S-L-12-24	5240-FP-S-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.9 U	77.8 J	2.3 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.9 U	150 U	2.3 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.9 U	150 U	2.3 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.9 U	150 U	2.3 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.9 U	150 U	2.3 U	NA
2-Hexanone	UG/KG	-	-	NA	15 UJ	730 UJ	11 UJ	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	7.3 U	370 U	5.7 U	NA
Acetone	UG/KG	2200	100000	NA	7.3 J	R	R	NA
Benzene	UG/KG	70000	2900	NA	0.73 U	37 U	0.57 U	NA
Bromomethane	UG/KG	-	-	NA	2.9 UJ	150 U	2.3 UJ	NA
Carbon disulfide	UG/KG	-	-	NA	7.3 U	370 U	5.7 U	NA
Chloroform	UG/KG	12000	10000	NA	2.9 U	150 U	2.3 U	NA
Chloromethane	UG/KG	-	-	NA	7.3 UJ	370 U	5.7 UJ	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.9 U	150 U	2.3 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	R	R	NA
Methylene chloride	UG/KG	12000	51000	NA	2.9 UJ	150 U	2.3 UJ	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.9 U	167	2.3 U	NA
Toluene	UG/KG	36000	100000	NA	7.3 U	370 U	5.7 U	NA
Trichloroethene	UG/KG	2000	10000	NA	4.0 J	662	1.1 J	NA
Vinyl chloride	UG/KG	NS	210	NA	2.9 U	150 U	2.3 U	NA

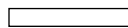
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-M
Sample ID				5240-FP-S-L-0-2	5240-FP-S-L-0-6	5240-FP-S-L-6-12	5240-FP-S-L-12-24	5240-FP-S-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.9 U	150 U	2.3 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	690 U	NA	12,000 U	570 U	650 U
2-Methylnaphthalene	UG/KG	-	-	93.2 J	NA	17,000 J	23.0 J	130 UJ
2-Nitroaniline	UG/KG	-	-	690 U	NA	12,000 U	570 U	650 U
3&4-Methylphenol	UG/KG	NS	34000	690 U	NA	1,450 J	570 U	650 U
4-Bromophenyl-phenylether	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
4-Chloroaniline	UG/KG	-	-	690 U	NA	12,000 U	570 U	650 U
Acenaphthene	UG/KG	20000	100000	265	NA	52,200	165	27.2 J
Acenaphthylene	UG/KG	NS	100000	20.6 J	NA	869 J	21.9 J	130 U
Anthracene	UG/KG	NS	100000	579	NA	72,900	332	60.9 J
Benzo(a)anthracene	UG/KG	NS	1000	1,640	NA	125,000	1,130	221
Benzo(a)pyrene	UG/KG	2600	1000	1,620	NA	116,000	1,210	228
Benzo(b)fluoranthene	UG/KG	NS	1000	1,530	NA	145,000	1,210	283
Benzo(g,h,i)perylene	UG/KG	NS	100000	882	NA	53,800	647	138
Benzo(k)fluoranthene	UG/KG	NS	1000	1,530	NA	56,400	998	155

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

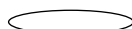
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-M
Sample ID				5240-FP-S-L-0-2	5240-FP-S-L-0-6	5240-FP-S-L-6-12	5240-FP-S-L-12-24	5240-FP-S-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	47.1 J	NA	6,000 UJ	24.7 J	17.1 J
Butylbenzylphthalate	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
Carbazole	UG/KG	-	-	503	NA	50,500	267	51.0 J
Chrysene	UG/KG	NS	1000	1,770	NA	122,000	1,330	251
Dibenz(a,h)anthracene	UG/KG	NS	330	345	NA	24,200	237	39.5 J
Dibenzofuran	UG/KG	NS	14000	233	NA	41,100	99.3 J	15.7 J
Dimethylphthalate	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
Di-n-butylphthalate	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
Di-n-octylphthalate	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
Fluoranthene	UG/KG	NS	100000	4,720	NA	405,000 D	3,470	638
Fluorene	UG/KG	30000	100000	258	NA	49,300	235	40.4 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	858	NA	55,700	643	129 J
Isophorone	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
Naphthalene	UG/KG	NS	100000	220	NA	56,800	34.5 J	130 U
Nitrobenzene	UG/KG	-	-	350 U	NA	6,000 U	280 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	350 UJ	NA	6,000 UJ	280 UJ	320 UJ
Phenanthrene	UG/KG	NS	100000	3,490	NA	425,000	2,320	372
Phenol	UG/KG	30000	100000	350 U	NA	828 J	280 U	320 U
Pyrene	UG/KG	NS	100000	3,110	NA	295,000	2,300	428

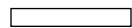
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-L	5240-FP-S-M
Sample ID				5240-FP-S-L-0-2	5240-FP-S-L-0-6	5240-FP-S-L-6-12	5240-FP-S-L-12-24	5240-FP-S-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	NA	39 U	36 U	43 U
Aroclor 1254	UG/KG	-	-	236 J	NA	195 J	614	43 U
Aroclor 1260	UG/KG	-	-	673	NA	449	413 J	34.4 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	909	NA	644	1,027	34.4
Metals								
Arsenic	MG/KG	13	16	3.9	NA	3.0	3.3	5.3
Barium	MG/KG	433	350	48.1	NA	34.1	32.7	109
Cadmium	MG/KG	4	2.5	0.64	NA	0.35 J	0.46	0.53
Chromium	MG/KG	41	36	17.9	NA	13.0	19.3	12.6
Lead	MG/KG	63	400	29.3	NA	16.1	24.0	21.9
Mercury	MG/KG	0.18	0.81	0.40	NA	0.18	0.39	0.050
Selenium	MG/KG	3.9	36	0.33 J	NA	0.91 U	0.86 U	0.39 J
Silver	MG/KG	2	36	1.5	NA	0.79	1.1	0.53

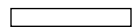
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-M	5240-FP-S-M	5240-FP-S-M	5250-SB-N	5250-SB-N
Sample ID				5240-FP-S-M-0-6	5240-FP-S-M-6-12	5240-FP-S-M-12-24	5250-SB-N-0-6	5250-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.7 U	1.3 U	1.4 U	1.7 J	5.1
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.7 U	1.3 U	1.4 U	2.1 U	1.5 J
2-Hexanone	UG/KG	-	-	13 UJ	6.4 UJ	7 UJ	10 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	6.7 U	3.2 U	3.5 U	5.1 U	5.6 U
Acetone	UG/KG	2200	100000	R	92.8 J	25.4 J	83.3 J	54.7 J
Benzene	UG/KG	70000	2900	0.67 U	0.32 U	0.35 U	0.51 U	0.56 U
Bromomethane	UG/KG	-	-	2.7 UJ	1.3 UJ	1.4 UJ	2.1 U	2.3 U
Carbon disulfide	UG/KG	-	-	6.7 U	2.1 J	0.79 J	1.5 J	2.7 J
Chloroform	UG/KG	12000	10000	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U
Chloromethane	UG/KG	-	-	6.7 UJ	3.2 UJ	3.5 UJ	1.4 J	1.1 J
Ethylbenzene	UG/KG	NS	30000	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	7.9 J	R	5.9 J	5.9 J
Methylene chloride	UG/KG	12000	51000	2.7 UJ	1.3 UJ	1.4 UJ	0.65 J	0.50 J
Tetrachloroethene	UG/KG	2000	5500	2.7 U	1.3 U	1.4 U	2.1 U	0.90 J
Toluene	UG/KG	36000	100000	6.7 U	0.34 J	3.5 U	5.1 U	5.6 U
Trichloroethene	UG/KG	2000	10000	2.6 J	0.97 J	1.4 U	8.6	29.8
Vinyl chloride	UG/KG	NS	210	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U

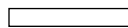
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-M	5240-FP-S-M	5240-FP-S-M	5250-SB-N	5250-SB-N
Sample ID				5240-FP-S-M-0-6	5240-FP-S-M-6-12	5240-FP-S-M-12-24	5250-SB-N-0-6	5250-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.7 U	1.3 U	1.4 U	2.1 U	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	NA	610 U	560 U	660 U	620 U
2-Methylnaphthalene	UG/KG	-	-	NA	120 UJ	110 UJ	130 UJ	120 U
2-Nitroaniline	UG/KG	-	-	NA	610 U	560 U	660 U	620 U
3&4-Methylphenol	UG/KG	NS	34000	NA	610 U	560 U	660 U	620 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
4-Chloroaniline	UG/KG	-	-	NA	610 U	560 U	660 U	620 U
Acenaphthene	UG/KG	20000	100000	NA	84.9 J	145	33.8 J	120 U
Acenaphthylene	UG/KG	NS	100000	NA	120 U	110 U	130 U	120 U
Anthracene	UG/KG	NS	100000	NA	221	285	101 J	16.3 J
Benzo(a)anthracene	UG/KG	NS	1000	NA	716	921	376	69.9 J
Benzo(a)pyrene	UG/KG	2600	1000	NA	763	1,040	387	164
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	694	1,020	388	167
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	433	545	276	39.3 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	700	843	371	59.5 J

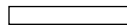
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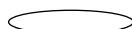
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-M	5240-FP-S-M	5240-FP-S-M	5250-SB-N	5250-SB-N
Sample ID				5240-FP-S-M-0-6	5240-FP-S-M-6-12	5240-FP-S-M-12-24	5250-SB-N-0-6	5250-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	300 UJ	280 UJ	64.5 J	310 U
Butylbenzylphthalate	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
Carbazole	UG/KG	-	-	NA	140	221	70.9 J	17.6 J
Chrysene	UG/KG	NS	1000	NA	816	1,120	413	67.4 J
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	158	202	75.3 J	120 U
Dibenzofuran	UG/KG	NS	14000	NA	47.9 J	88.2 J	24.1 J	120 U
Dimethylphthalate	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
Di-n-butylphthalate	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
Di-n-octylphthalate	UG/KG	-	-	NA	300 U	280 U	330 U	310 UJ
Fluoranthene	UG/KG	NS	100000	NA	2,170	3,120	879	140
Fluorene	UG/KG	30000	100000	NA	137	231	36.2 J	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	410	540	237	255
Isophorone	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
Naphthalene	UG/KG	NS	100000	NA	14.3 J	23.6 J	20.6 J	120 U
Nitrobenzene	UG/KG	-	-	NA	300 U	280 U	330 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	300 UJ	280 UJ	330 UJ	310 U
Phenanthrene	UG/KG	NS	100000	NA	1,320	2,200	452	86.7 J
Phenol	UG/KG	30000	100000	NA	300 U	280 U	330 U	310 U
Pyrene	UG/KG	NS	100000	NA	1,460	2,020	632	134

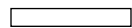
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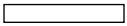
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5240-FP-S-M	5240-FP-S-M	5240-FP-S-M	5250-SB-N	5250-SB-N
Sample ID				5240-FP-S-M-0-6	5240-FP-S-M-6-12	5240-FP-S-M-12-24	5250-SB-N-0-6	5250-SB-N-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	41 U	38 U	42 U	42 U
Aroclor 1254	UG/KG	-	-	NA	41 U	38 U	2,780 DJ	181 J
Aroclor 1260	UG/KG	-	-	NA	34.3 J	38 U	3,370 D	322
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	34.3	38 U	6,150	503
Metals								
Arsenic	MG/KG	13	16	NA	3.7	2.3	14.7	7.3
Barium	MG/KG	433	350	NA	40.1	22.6	101	68.2
Cadmium	MG/KG	4	2.5	NA	0.24 J	0.068 J	4.9	0.61
Chromium	MG/KG	41	36	NA	10.1	6.7	187	27.7
Lead	MG/KG	63	400	NA	13.7	6.8	187	21.3
Mercury	MG/KG	0.18	0.81	NA	0.041	0.018 J	0.067	0.062
Selenium	MG/KG	3.9	36	NA	0.95 U	0.84 U	0.98 U	0.98 U
Silver	MG/KG	2	36	NA	0.47 U	0.30 J	3.8	0.49 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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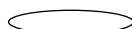
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5250-SB-N	5250-SB-N	5250-SB-S	5250-SB-S	5250-SB-S
Sample ID				5250-SB-N-12-24	DUP-3	5250-SB-S-0-6	5250-SB-S-6-12	5250-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.7 U	2.9 U	27.4 J	2.5 U	3.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.7 U	2.9 U	2.9 U	2.5 U	3.1 U
1,1-Dichloroethene	UG/KG	NS	100000	2.7 U	2.9 U	2.9 U	2.5 U	3.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	5.2	3.9	2.9 U	5.3 J	2.1 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.2 J	0.82 J	2.9 U	0.53 J	3.1 U
2-Hexanone	UG/KG	-	-	14 U	15 U	15 UJ	12 U	16 UJ
4-Methyl-2-pentanone	UG/KG	-	-	6.8 U	7.3 U	7.3 U	6.1 U	7.8 U
Acetone	UG/KG	2200	100000	58.2 J	75.4 J	R	92.8 J	83.7 J
Benzene	UG/KG	70000	2900	0.51 J	0.73 U	0.73 U	0.61 U	0.78 U
Bromomethane	UG/KG	-	-	2.7 U	2.9 U	2.9 UJ	2.5 U	3.1 UJ
Carbon disulfide	UG/KG	-	-	2.7 J	5.4 J	7.3 U	3.9 J	8.8 J
Chloroform	UG/KG	12000	10000	2.7 U	2.9 U	0.98 J	2.5 U	3.1 U
Chloromethane	UG/KG	-	-	6.8 U	7.3 U	7.3 UJ	6.1 U	7.8 UJ
Ethylbenzene	UG/KG	NS	30000	2.7 U	2.9 U	2.9 U	2.5 U	3.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	7.7 J	7.2 J	R	7.3 J	R
Methylene chloride	UG/KG	12000	51000	0.79 J	1.0 J	5.1 J	0.63 J	3.1 UJ
Tetrachloroethene	UG/KG	2000	5500	0.61 J	2.9 U	2.9 U	0.95 J	3.1 U
Toluene	UG/KG	36000	100000	6.8 U	7.3 U	7.3 U	6.1 U	7.8 U
Trichloroethene	UG/KG	2000	10000	20.4 J	11.4 J	9.7 J	20.8 J	10.3 J
Vinyl chloride	UG/KG	NS	210	2.7 U	2.9 U	2.9 U	2.5 U	3.1 U

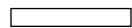
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5250-SB-N	5250-SB-N	5250-SB-S	5250-SB-S	5250-SB-S
Sample ID				5250-SB-N-12-24	DUP-3	5250-SB-S-0-6	5250-SB-S-6-12	5250-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.7 U	2.9 U	2.9 U	2.5 U	3.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
1,2-Dichlorobenzene	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
1,3-Dichlorobenzene	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
1,4-Dichlorobenzene	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
2,4-Dimethylphenol	UG/KG	-	-	720 U	740 U	3,600 U	700 U	750 U
2-Methylnaphthalene	UG/KG	-	-	140 U	150 U	251 J	140 UJ	150 UJ
2-Nitroaniline	UG/KG	-	-	720 U	740 U	3,600 U	700 U	750 U
3&4-Methylphenol	UG/KG	NS	34000	720 U	740 U	3,600 U	700 U	750 U
4-Bromophenyl-phenylether	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
4-Chloroaniline	UG/KG	-	-	720 U	740 U	3,600 U	700 U	750 U
Acenaphthene	UG/KG	20000	100000	140 U	150 U	758	140 U	150 U
Acenaphthylene	UG/KG	NS	100000	140 U	150 U	720 U	140 U	150 U
Anthracene	UG/KG	NS	100000	32.7 J	47.1 J	1,490	69.7 J	38.3 J
Benzo(a)anthracene	UG/KG	NS	1000	135 J	169	5,260	265	149 J
Benzo(a)pyrene	UG/KG	2600	1000	242	273	5,460	247	141 J
Benzo(b)fluoranthene	UG/KG	NS	1000	244	262	5,480	269	166
Benzo(g,h,i)perylene	UG/KG	NS	100000	85.4 J	101 J	3,470	146	96.8 J
Benzo(k)fluoranthene	UG/KG	NS	1000	117 J	142 J	5,310	195	104 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

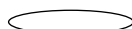
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5250-SB-N	5250-SB-N	5250-SB-S	5250-SB-S	5250-SB-S
Sample ID				5250-SB-N-12-24	DUP-3	5250-SB-S-0-6	5250-SB-S-6-12	5250-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	212 J	260 J	650 J	43.6 J	41.5 J
Butylbenzylphthalate	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
Carbazole	UG/KG	-	-	31.3 J	37.8 J	1,270	55.6 J	37.0 J
Chrysene	UG/KG	NS	1000	135 J	165	6,090	265	157
Dibenz(a,h)anthracene	UG/KG	NS	330	140 U	196	1,270	52.7 J	30.4 J
Dibenzofuran	UG/KG	NS	14000	140 U	150 U	568 J	140 U	150 U
Dimethylphthalate	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
Di-n-butylphthalate	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
Di-n-octylphthalate	UG/KG	-	-	360 UJ	370 UJ	1,800 U	350 U	380 U
Fluoranthene	UG/KG	NS	100000	266	329	14,600	603	328
Fluorene	UG/KG	30000	100000	140 U	21.4 J	736	26.7 J	150 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	321	347	3,280	134 J	91.1 J
Isophorone	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
Naphthalene	UG/KG	NS	100000	140 U	16.8 J	360 J	140 U	150 U
Nitrobenzene	UG/KG	-	-	360 U	370 U	1,800 U	350 U	380 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	360 U	370 U	1,800 UJ	350 UJ	380 UJ
Phenanthrene	UG/KG	NS	100000	161	201	8,990	344	195
Phenol	UG/KG	30000	100000	360 U	370 U	1,800 U	350 U	380 U
Pyrene	UG/KG	NS	100000	236	295	9,910	422	268

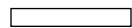
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5250-SB-N	5250-SB-N	5250-SB-S	5250-SB-S	5250-SB-S
Sample ID				5250-SB-N-12-24	DUP-3	5250-SB-S-0-6	5250-SB-S-6-12	5250-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	47 U	48 U	48 U	46 U	49 U
Aroclor 1254	UG/KG	-	-	47 U	48 U	5,100 D	305 J	207
Aroclor 1260	UG/KG	-	-	6,810 DJ	1,530 DJ	4,070 DJ	324	176 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	6,810	1,530	9,170	629	383
Metals								
Arsenic	MG/KG	13	16	3.8	4.5	12.6	4.2	5.0
Barium	MG/KG	433	350	48.8	45.2	94.9	43.3	53.2
Cadmium	MG/KG	4	2.5	0.56	0.60	3.1	0.28 J	0.33 J
Chromium	MG/KG	41	36	25.8	27.3	147	12.7	12.9
Lead	MG/KG	63	400	29.7	25.9	183	10.0	8.8
Mercury	MG/KG	0.18	0.81	0.18	0.27	2.1	0.14	0.087
Selenium	MG/KG	3.9	36	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U
Silver	MG/KG	2	36	0.62	0.62	7.9	0.54 U	0.58 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-L
Sample ID				5320-FP-N-H-0-2	5320-FP-N-H-0-6	5320-FP-N-H-6-12	5320-FP-N-H-12-24	5320-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	3.1 U	2.4 U	2 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	3.1 U	2.4 U	2 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	3.1 U	2.4 U	2 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	3.1 U	2.4 U	2 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	3.1 U	2.4 U	2 U	NA
2-Hexanone	UG/KG	-	-	NA	15 U	12 U	10 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	7.6 U	6.1 U	5.1 U	NA
Acetone	UG/KG	2200	100000	NA	R	R	R	NA
Benzene	UG/KG	70000	2900	NA	0.76 U	0.61 U	0.51 U	NA
Bromomethane	UG/KG	-	-	NA	3.1 U	2.4 UJ	2 U	NA
Carbon disulfide	UG/KG	-	-	NA	7.6 U	6.1 U	5.1 U	NA
Chloroform	UG/KG	12000	10000	NA	0.85 J	2.4 U	2 U	NA
Chloromethane	UG/KG	-	-	NA	7.6 UJ	6.1 U	5.1 UJ	NA
Ethylbenzene	UG/KG	NS	30000	NA	3.1 U	2.4 U	2 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	R	R	NA
Methylene chloride	UG/KG	12000	51000	NA	3.1 U	2.4 U	2 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	3.1 U	2.4 U	2 U	NA
Toluene	UG/KG	36000	100000	NA	7.6 U	6.1 U	5.1 U	NA
Trichloroethene	UG/KG	2000	10000	NA	2.1 J	2.0 J	1.4 J	NA
Vinyl chloride	UG/KG	NS	210	NA	3.1 U	2.4 U	2 U	NA

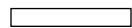
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-L
Sample ID				5320-FP-N-H-0-2	5320-FP-N-H-0-6	5320-FP-N-H-6-12	5320-FP-N-H-12-24	5320-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	3.1 U	2.4 U	2 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
1,2-Dichlorobenzene	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
1,3-Dichlorobenzene	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
1,4-Dichlorobenzene	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
2,4-Dimethylphenol	UG/KG	-	-	950 U	NA	610 U	610 U	720 U
2-Methylnaphthalene	UG/KG	-	-	190 U	NA	68.8 J	120 U	107 J
2-Nitroaniline	UG/KG	-	-	950 U	NA	610 U	610 U	720 U
3&4-Methylphenol	UG/KG	NS	34000	950 U	NA	610 U	610 U	720 U
4-Bromophenyl-phenylether	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
4-Chloroaniline	UG/KG	-	-	950 UJ	NA	610 UJ	610 UJ	720 UJ
Acenaphthene	UG/KG	20000	100000	52.5 J	NA	334	38.8 J	395
Acenaphthylene	UG/KG	NS	100000	131 J	NA	430	49.3 J	113 J
Anthracene	UG/KG	NS	100000	228	NA	1,350	85.1 J	870
Benzo(a)anthracene	UG/KG	NS	1000	1,150	NA	3,920	377	3,800
Benzo(a)pyrene	UG/KG	2600	1000	1,210	NA	3,350	422	3,790
Benzo(b)fluoranthene	UG/KG	NS	1000	1,140	NA	3,170	377	4,390
Benzo(g,h,i)perylene	UG/KG	NS	100000	621	NA	2,050	171	3,490
Benzo(k)fluoranthene	UG/KG	NS	1000	939	NA	3,080	311	3,820

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-L
Sample ID				5320-FP-N-H-0-2	5320-FP-N-H-0-6	5320-FP-N-H-6-12	5320-FP-N-H-12-24	5320-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	268 J	NA	178 J	162 J	675
Butylbenzylphthalate	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
Carbazole	UG/KG	-	-	119 J	NA	549	50.1 J	754
Chrysene	UG/KG	NS	1000	1,150	NA	3,620	375	4,350
Dibenz(a,h)anthracene	UG/KG	NS	330	370	NA	663	179	1,090
Dibenzofuran	UG/KG	NS	14000	190 U	NA	223	24.4 J	251
Dimethylphthalate	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
Di-n-butylphthalate	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
Di-n-octylphthalate	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
Fluoranthene	UG/KG	NS	100000	2,230	NA	8,650	762	8,020
Fluorene	UG/KG	30000	100000	64.9 J	NA	769	58.1 J	373
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	881	NA	2,070	369	3,370
Isophorone	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
Naphthalene	UG/KG	NS	100000	19.4 J	NA	84.8 J	13.3 J	212
Nitrobenzene	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	480 U	NA	310 U	300 U	360 U
Phenanthrene	UG/KG	NS	100000	916	NA	6,000	489	4,740
Phenol	UG/KG	30000	100000	480 U	NA	310 U	300 U	360 U
Pyrene	UG/KG	NS	100000	2,110	NA	7,440	691	7,340

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-H	5320-FP-N-L
Sample ID				5320-FP-N-H-0-2	5320-FP-N-H-0-6	5320-FP-N-H-6-12	5320-FP-N-H-12-24	5320-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	62 U	NA	39 U	40 U	49 U
Aroclor 1254	UG/KG	-	-	36.6 J	NA	49.7	21.4 J	1,160 D
Aroclor 1260	UG/KG	-	-	76.6	NA	65.2	29.6 J	2,000 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	113.2	NA	114.9	51	3,160
Metals								
Arsenic	MG/KG	13	16	5.1	NA	5.8	5.3 J	6.5
Barium	MG/KG	433	350	71.7	NA	55.2	59.3	77.5
Cadmium	MG/KG	4	2.5	0.64	NA	0.44	0.33 J	1.8
Chromium	MG/KG	41	36	14.1	NA	10.6	11.0	47.1
Lead	MG/KG	63	400	81.4	NA	83.1	27.3	87.5
Mercury	MG/KG	0.18	0.81	0.11	NA	0.077	0.057	0.46
Selenium	MG/KG	3.9	36	0.47 J	NA	0.58 J	0.58 J	0.77 J
Silver	MG/KG	2	36	0.7 U	NA	0.48 U	0.45 U	2.3

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

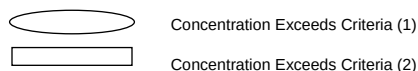
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-M
Sample ID				5320-FP-N-L-0-6	5320-FP-N-L-6-12	5320-FP-N-L-12-24	DUP-1	5320-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.7 U	3 U	2.5 U	2.7 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.7 U	3 U	2.5 U	2.7 UJ	NA
1,1-Dichloroethene	UG/KG	NS	100000	2.7 U	3 U	2.5 U	2.7 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.7 U	3 U	2.5 U	0.70 J	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.7 U	3 U	2.5 U	2.7 U	NA
2-Hexanone	UG/KG	-	-	13 U	15 U	12 U	14 UJ	NA
4-Methyl-2-pentanone	UG/KG	-	-	6.7 U	7.5 U	6.2 U	6.9 U	NA
Acetone	UG/KG	2200	100000	R	R	R	R	NA
Benzene	UG/KG	70000	2900	0.67 U	0.75 U	0.62 U	0.69 U	NA
Bromomethane	UG/KG	-	-	2.7 U	3 U	2.5 U	2.7 U	NA
Carbon disulfide	UG/KG	-	-	6.7 U	7.5 U	6.2 U	6.9 U	NA
Chloroform	UG/KG	12000	10000	0.87 J	0.85 J	2.5 U	1.2 J	NA
Chloromethane	UG/KG	-	-	6.7 UJ	7.5 UJ	6.2 UJ	6.9 UJ	NA
Ethylbenzene	UG/KG	NS	30000	2.7 U	3 U	2.5 U	2.7 UJ	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	R	R	NA
Methylene chloride	UG/KG	12000	51000	2.7 U	3.6 U	2.5 U	2.7 U	NA
Tetrachloroethene	UG/KG	2000	5500	2.7 U	0.63 J	2.5 U	2.5 J	NA
Toluene	UG/KG	36000	100000	6.7 U	7.5 U	6.2 U	6.9 U	NA
Trichloroethene	UG/KG	2000	10000	2.5 J	8.8	4.8 J	21.3 J	NA
Vinyl chloride	UG/KG	NS	210	2.7 U	3 U	2.5 U	2.7 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

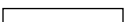
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-M
Sample ID				5320-FP-N-L-0-6	5320-FP-N-L-6-12	5320-FP-N-L-12-24	DUP-1	5320-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.7 U	3 U	2.5 U	0.51 J	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
2,4-Dimethylphenol	UG/KG	-	-	NA	3,700 U	610 U	690 U	780 U
2-Methylnaphthalene	UG/KG	-	-	NA	376 J	54.4 J	91.8 J	160 U
2-Nitroaniline	UG/KG	-	-	NA	3,700 U	610 U	690 U	780 U
3&4-Methylphenol	UG/KG	NS	34000	NA	3,700 U	610 U	690 U	780 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
4-Chloroaniline	UG/KG	-	-	NA	3,700 UJ	610 UJ	690 UJ	780 UJ
Acenaphthene	UG/KG	20000	100000	NA	1,100	125	218	66.4 J
Acenaphthylene	UG/KG	NS	100000	NA	384 J	60.8 J	81.0 J	109 J
Anthracene	UG/KG	NS	100000	NA	2,590	293 J	538 J	365
Benzo(a)anthracene	UG/KG	NS	1000	NA	8,710	982 J	1,740 J	1,460
Benzo(a)pyrene	UG/KG	2600	1000	NA	7,790	911 J	1,590 J	1,340
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	7,980	883 J	1,650 J	1,200
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	4,060	450 J	947 J	622
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	7,670	844 J	1,520 J	1,150

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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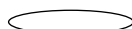
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-M
Sample ID				5320-FP-N-L-0-6	5320-FP-N-L-6-12	5320-FP-N-L-12-24	DUP-1	5320-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	2,440	426	525	314 J
Butylbenzylphthalate	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
Carbazole	UG/KG	-	-	NA	1,950	202 J	372 J	115 J
Chrysene	UG/KG	NS	1000	NA	8,420	936 J	1,680 J	1,360
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	1,760	272 J	436 J	355
Dibenzofuran	UG/KG	NS	14000	NA	772	83.3 J	160	36.3 J
Dimethylphthalate	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
Di-n-butylphthalate	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
Di-n-octylphthalate	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
Fluoranthene	UG/KG	NS	100000	NA	18,600	1,930 J	3,470 J	2,850
Fluorene	UG/KG	30000	100000	NA	1,090	118 J	229	108 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	5,010	624 J	1,110 J	843
Isophorone	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
Naphthalene	UG/KG	NS	100000	NA	683 J	100 J	174	28.3 J
Nitrobenzene	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	1,800 U	300 U	350 U	390 U
Phenanthrene	UG/KG	NS	100000	NA	12,900	1,340 J	2,550 J	1,230
Phenol	UG/KG	30000	100000	NA	1,800 U	300 U	350 U	390 U
Pyrene	UG/KG	NS	100000	NA	15,800	1,830 J	3,260 J	2,670

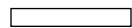
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

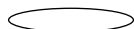
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-L	5320-FP-N-M
Sample ID				5320-FP-N-L-0-6	5320-FP-N-L-6-12	5320-FP-N-L-12-24	DUP-1	5320-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)				Field Duplicate (1-1)	
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	48 U	40 U	45 U	51 U
Aroclor 1254	UG/KG	-	-	NA	15,700 D	3,760 D	5,230 D	118
Aroclor 1260	UG/KG	-	-	NA	10,300 D	6,920 D	5,620 D	398
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	26,000	10,680	10,850	516
Metals								
Arsenic	MG/KG	13	16	NA	13.3	9.2	9.3	6.5
Barium	MG/KG	433	350	NA	118	69.1	77.5	61.0
Cadmium	MG/KG	4	2.5	NA	5.9	2.8	3.3	0.48
Chromium	MG/KG	41	36	NA	187	82.4	91.3	16.3
Lead	MG/KG	63	400	NA	291	112	142	46.5
Mercury	MG/KG	0.18	0.81	NA	4.1	0.54	1.2	0.12
Selenium	MG/KG	3.9	36	NA	1.5	0.92 J	0.77 J	0.66 J
Silver	MG/KG	2	36	NA	11.9	3.4	4.0	0.32 J

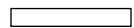
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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

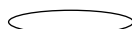
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-M	5320-FP-N-M	5320-FP-N-M	5400-C	5400-C
Sample ID				5320-FP-N-M-0-6	5320-FP-N-M-6-12	5320-FP-N-M-12-24	5400-C-1.0-1.5	5400-C-3.0-3.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5	3.0-0.3
Date Sampled				04/26/16	04/26/16	04/26/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.9 U	2.3 U	2.3 U	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.9 UJ	2.3 U	2.3 U	NA	NA
1,1-Dichloroethene	UG/KG	NS	100000	2.9 U	2.3 U	2.3 U	NA	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.9 U	2.3 U	2.3 U	NA	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.9 U	2.3 U	2.3 U	NA	NA
2-Hexanone	UG/KG	-	-	15 UJ	11 U	11 U	NA	NA
4-Methyl-2-pentanone	UG/KG	-	-	7.3 U	5.7 U	5.6 U	NA	NA
Acetone	UG/KG	2200	100000	R	R	R	NA	NA
Benzene	UG/KG	70000	2900	0.73 U	0.57 U	0.56 U	NA	NA
Bromomethane	UG/KG	-	-	2.9 U	2.3 U	2.3 U	NA	NA
Carbon disulfide	UG/KG	-	-	7.3 U	5.7 U	5.6 U	NA	NA
Chloroform	UG/KG	12000	10000	1.5 J	0.68 J	2.3 U	NA	NA
Chloromethane	UG/KG	-	-	7.3 UJ	5.7 UJ	5.6 UJ	NA	NA
Ethylbenzene	UG/KG	NS	30000	2.9 UJ	2.3 U	2.3 U	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	R	NA	NA
Methylene chloride	UG/KG	12000	51000	2.9 U	2.3 U	2.3 U	NA	NA
Tetrachloroethene	UG/KG	2000	5500	2.9 UJ	2.3 U	2.3 U	NA	NA
Toluene	UG/KG	36000	100000	7.3 U	5.7 U	5.6 U	NA	NA
Trichloroethene	UG/KG	2000	10000	4.6	1.7 J	1.7 J	NA	NA
Vinyl chloride	UG/KG	NS	210	2.9 U	2.3 U	2.3 U	NA	NA

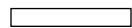
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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-M	5320-FP-N-M	5320-FP-N-M	5400-C	5400-C
Sample ID				5320-FP-N-M-0-6	5320-FP-N-M-6-12	5320-FP-N-M-12-24	5400-C-1.0-1.5	5400-C-3.0-3.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5	3.0-0.3
Date Sampled				04/26/16	04/26/16	04/26/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	0.67 J	2.3 U	2.3 U	NA	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	2,900 U	580 U	NA	NA
2-Methylnaphthalene	UG/KG	-	-	NA	161 J	75.4 J	NA	NA
2-Nitroaniline	UG/KG	-	-	NA	2,900 U	580 U	NA	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	2,900 U	580 U	NA	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
4-Chloroaniline	UG/KG	-	-	NA	2,900 UJ	580 UJ	NA	NA
Acenaphthene	UG/KG	20000	100000	NA	589	263	NA	NA
Acenaphthylene	UG/KG	NS	100000	NA	367 J	235	NA	NA
Anthracene	UG/KG	NS	100000	NA	1,890	892	NA	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	5,690	2,700	NA	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	4,810	2,270	NA	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	4,150	1,910	NA	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	1,950	1,860	NA	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	4,170	2,020	NA	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-M	5320-FP-N-M	5320-FP-N-M	5400-C	5400-C
Sample ID				5320-FP-N-M-0-6	5320-FP-N-M-6-12	5320-FP-N-M-12-24	5400-C-1.0-1.5	5400-C-3.0-3.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5	3.0-0.3
Date Sampled				04/26/16	04/26/16	04/26/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	1,400 U	296	NA	NA
Butylbenzylphthalate	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
Carbazole	UG/KG	-	-	NA	630	401	NA	NA
Chrysene	UG/KG	NS	1000	NA	4,880	2,490	NA	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	1,190	624	NA	NA
Dibenzofuran	UG/KG	NS	14000	NA	445 J	179	NA	NA
Dimethylphthalate	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
Di-n-butylphthalate	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
Di-n-octylphthalate	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
Fluoranthene	UG/KG	NS	100000	NA	11,400	5,450	NA	NA
Fluorene	UG/KG	30000	100000	NA	929	426	NA	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	2,900	1,890	NA	NA
Isophorone	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
Naphthalene	UG/KG	NS	100000	NA	294 J	96.2 J	NA	NA
Nitrobenzene	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	1,400 U	290 U	NA	NA
Phenanthrene	UG/KG	NS	100000	NA	7,190	3,640	NA	NA
Phenol	UG/KG	30000	100000	NA	1,400 U	290 U	NA	NA
Pyrene	UG/KG	NS	100000	NA	9,410	4,890	NA	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

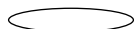
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5320-FP-N-M	5320-FP-N-M	5320-FP-N-M	5400-C	5400-C
Sample ID				5320-FP-N-M-0-6	5320-FP-N-M-6-12	5320-FP-N-M-12-24	5400-C-1.0-1.5	5400-C-3.0-3.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5	3.0-0.3
Date Sampled				04/26/16	04/26/16	04/26/16	05/04/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	38 U	38 U	41 U	NA
Aroclor 1254	UG/KG	-	-	NA	107	569	19.1 J	NA
Aroclor 1260	UG/KG	-	-	NA	277	892 D	33.4 J	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	384	1,461	52.5	NA
Metals								
Arsenic	MG/KG	13	16	NA	4.3	8.5	NA	NA
Barium	MG/KG	433	350	NA	37.8	72.9	NA	NA
Cadmium	MG/KG	4	2.5	NA	0.24 J	2.2	NA	NA
Chromium	MG/KG	41	36	NA	11.1	125	NA	NA
Lead	MG/KG	63	400	NA	21.3	224	NA	NA
Mercury	MG/KG	0.18	0.81	NA	0.063	0.21	NA	NA
Selenium	MG/KG	3.9	36	NA	0.46 J	0.84 J	NA	NA
Silver	MG/KG	2	36	NA	0.080 J	5.9	NA	NA

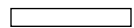
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5400-C	5500-OF-002	5500-OF-002	5500-OF-002	5500-OFB-002
Sample ID				5400-C-3.0-3.5	5500-OF-002-0-2	5500-OF-002-0-6	5500-OF-002-6-12	5500-OFB-002-36-40
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-3.5	0.0-0.2	0.0-0.5	0.5-1.0	3.0-3.3
Date Sampled				05/04/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	4 U	3.5 U	260 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	4 U	3.5 U	260 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	2.3 J	10.2 J	260 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	252	1,610 DJ	70.8 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	8.8	25.7 J	260 U
2-Hexanone	UG/KG	-	-	NA	NA	20 U	18 U	1,300 UJ
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	9.9 U	8.8 U	650 U
Acetone	UG/KG	2200	100000	NA	NA	196 J	283 J	R
Benzene	UG/KG	70000	2900	NA	NA	1.2	0.98 J	65 U
Bromomethane	UG/KG	-	-	NA	NA	4 U	3.5 U	260 U
Carbon disulfide	UG/KG	-	-	NA	NA	5.5 J	32.8 J	650 U
Chloroform	UG/KG	12000	10000	NA	NA	4 U	3.5 U	260 U
Chloromethane	UG/KG	-	-	NA	NA	9.9 U	8.8 U	650 UJ
Ethylbenzene	UG/KG	NS	30000	NA	NA	4 U	3.5 U	260 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	41.0 J	79.9 J	R
Methylene chloride	UG/KG	12000	51000	NA	NA	1.4 J	1.2 J	260 U
Tetrachloroethene	UG/KG	2000	5500	NA	NA	4 U	3.5 U	43.9 J
Toluene	UG/KG	36000	100000	NA	NA	9.9 U	8.8 U	81.1 J
Trichloroethene	UG/KG	2000	10000	NA	NA	39.1	20.8 J	2,710
Vinyl chloride	UG/KG	NS	210	NA	NA	25.6	74.3 J	260 U

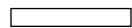
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5400-C	5500-OF-002	5500-OF-002	5500-OF-002	5500-OFB-002
Sample ID				5400-C-3.0-3.5	5500-OF-002-0-2	5500-OF-002-0-6	5500-OF-002-6-12	5500-OFB-002-36-40
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-3.5	0.0-0.2	0.0-0.5	0.5-1.0	3.0-3.3
Date Sampled				05/04/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	4 U	3.5 U	260 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
2,4-Dimethylphenol	UG/KG	-	-	NA	4,400 U	NA	4,400 U	520 U
2-Methylnaphthalene	UG/KG	-	-	NA	870 U	NA	220 J	100 U
2-Nitroaniline	UG/KG	-	-	NA	4,400 U	NA	4,400 U	520 U
3&4-Methylphenol	UG/KG	NS	34000	NA	4,400 U	NA	4,400 U	520 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
4-Chloroaniline	UG/KG	-	-	NA	4,400 U	NA	4,400 U	520 U
Acenaphthene	UG/KG	20000	100000	NA	870 U	NA	1,270	100 U
Acenaphthylene	UG/KG	NS	100000	NA	870 U	NA	128 J	100 U
Anthracene	UG/KG	NS	100000	NA	519 J	NA	2,910	22.4 J
Benzo(a)anthracene	UG/KG	NS	1000	NA	3,330	NA	11,200	124
Benzo(a)pyrene	UG/KG	2600	1000	NA	4,470	NA	9,840	215
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	5,380	NA	11,600	246
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	3,060	NA	5,880	95.9 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	4,320	NA	9,890	124

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5400-C	5500-OF-002	5500-OF-002	5500-OF-002	5500-OFB-002
Sample ID				5400-C-3.0-3.5	5500-OF-002-0-2	5500-OF-002-0-6	5500-OF-002-6-12	5500-OFB-002-36-40
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-3.5	0.0-0.2	0.0-0.5	0.5-1.0	3.0-3.3
Date Sampled				05/04/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	1,150 J	NA	1,160 J	260 U
Butylbenzylphthalate	UG/KG	-	-	NA	2,200 U	NA	2,200 U	50.9 J
Carbazole	UG/KG	-	-	NA	872	NA	3,300	28.5 J
Chrysene	UG/KG	NS	1000	NA	5,060	NA	12,700	156
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	1,510	NA	2,290	100 U
Dibenzofuran	UG/KG	NS	14000	NA	111 J	NA	1,060	100 U
Dimethylphthalate	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
Di-n-butylphthalate	UG/KG	-	-	NA	2,200 U	NA	2,200 U	258 J
Di-n-octylphthalate	UG/KG	-	-	NA	2,200 UJ	NA	1,640 J	260 UJ
Fluoranthene	UG/KG	NS	100000	NA	9,710	NA	30,300	283
Fluorene	UG/KG	30000	100000	NA	208 J	NA	1,430	100 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	4,180	NA	6,700	264
Isophorone	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
Naphthalene	UG/KG	NS	100000	NA	870 U	NA	442 J	100 U
Nitrobenzene	UG/KG	-	-	NA	2,200 U	NA	2,200 U	260 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	2,200 U	NA	2,200 U	415
Phenanthrene	UG/KG	NS	100000	NA	3,810	NA	24,700	150
Phenol	UG/KG	30000	100000	NA	2,200 U	NA	2,200 U	260 U
Pyrene	UG/KG	NS	100000	NA	8,190	NA	25,300	266

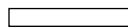
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5400-C	5500-OF-002	5500-OF-002	5500-OF-002	5500-OFB-002
Sample ID				5400-C-3.0-3.5	5500-OF-002-0-2	5500-OF-002-0-6	5500-OF-002-6-12	5500-OFB-002-36-40
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				3.0-3.5	0.0-0.2	0.0-0.5	0.5-1.0	3.0-3.3
Date Sampled				05/04/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	59 U	NA	57 U	34 U
Aroclor 1254	UG/KG	-	-	41 U	217	NA	673 J	23.8 J
Aroclor 1260	UG/KG	-	-	41 U	182 J	NA	2,160 D	89.5
Total Polychlorinated Biphenyls	UG/KG	1000	1000	41 U	399	NA	2,833	113.3
Metals								
Arsenic	MG/KG	13	16	NA	6.9	NA	14.8	2.5
Barium	MG/KG	433	350	NA	60.9	NA	52.0	56.2
Cadmium	MG/KG	4	2.5	NA	0.70	NA	3.1	0.24 J
Chromium	MG/KG	41	36	NA	28.3	NA	117	9.6
Lead	MG/KG	63	400	NA	48.9	NA	96.7	8.0
Mercury	MG/KG	0.18	0.81	NA	0.094	NA	0.25	0.026 J
Selenium	MG/KG	3.9	36	NA	1.4 U	NA	1.3 U	0.33 J
Silver	MG/KG	2	36	NA	0.69 U	NA	7.5	0.41 U

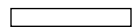
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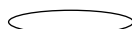
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-N	5500-SB-N	5500-SB-N	5500-SB-S	5500-SB-S
Sample ID				5500-SB-N-0-6	5500-SB-N-6-12	5500-SB-N-12-24	5500-SB-S-0-6	5500-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.2 U	2.1 U	1.9 U	310 U	370 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.2 U	2.1 U	1.9 U	310 U	370 U
1,1-Dichloroethene	UG/KG	NS	100000	2.2 U	2.1 U	1.9 U	310 U	370 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.8 J	2.1 U	0.41 J	1,230	6,290
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.2 U	2.1 U	1.9 U	310 U	370 U
2-Hexanone	UG/KG	-	-	11 U	10 U	9.5 U	1,500 U	1,900 UJ
4-Methyl-2-pentanone	UG/KG	-	-	5.6 U	5.2 U	4.7 U	770 U	930 U
Acetone	UG/KG	2200	100000	72.6 J	51.0 J	23.6 J	R	R
Benzene	UG/KG	70000	2900	0.56 U	0.52 U	0.47 U	77 U	93 U
Bromomethane	UG/KG	-	-	2.2 U	2.1 U	1.9 U	310 U	370 U
Carbon disulfide	UG/KG	-	-	17.3 J	5.2 U	0.75 J	770 U	930 U
Chloroform	UG/KG	12000	10000	2.2 U	2.1 U	1.9 U	310 U	370 U
Chloromethane	UG/KG	-	-	5.6 U	5.2 U	4.7 U	770 U	930 UJ
Ethylbenzene	UG/KG	NS	30000	2.2 U	2.1 U	1.9 U	310 U	370 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	4.3 J	R	R	R	961 J
Methylene chloride	UG/KG	12000	51000	0.82 J	1.0 J	1.1 J	310 U	370 U
Tetrachloroethene	UG/KG	2000	5500	2.2 U	2.1 U	1.9 U	310 U	370 U
Toluene	UG/KG	36000	100000	5.6 U	5.2 U	4.7 U	770 U	930 U
Trichloroethene	UG/KG	2000	10000	10.6 J	0.95 J	4.6 J	915	3,540
Vinyl chloride	UG/KG	NS	210	2.2 U	2.1 U	1.9 U	310 U	370 U

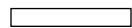
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-N	5500-SB-N	5500-SB-N	5500-SB-S	5500-SB-S
Sample ID				5500-SB-N-0-6	5500-SB-N-6-12	5500-SB-N-12-24	5500-SB-S-0-6	5500-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.2 U	2.1 U	1.9 U	310 U	370 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
1,2-Dichlorobenzene	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
1,3-Dichlorobenzene	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
1,4-Dichlorobenzene	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
2,4-Dimethylphenol	UG/KG	-	-	670 U	640 U	610 U	3,500 U	16,000 U
2-Methylnaphthalene	UG/KG	-	-	130 U	130 U	120 U	690 U	2,200 J
2-Nitroaniline	UG/KG	-	-	670 U	640 U	610 U	3,500 U	16,000 U
3&4-Methylphenol	UG/KG	NS	34000	670 U	640 U	610 U	3,500 U	16,000 U
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	320 U	66.2 J	1,700 U	7,900 U
4-Chloroaniline	UG/KG	-	-	670 U	640 U	610 U	3,500 U	16,000 U
Acenaphthene	UG/KG	20000	100000	130 U	130 U	120 U	416 J	9,860
Acenaphthylene	UG/KG	NS	100000	130 U	130 U	120 U	690 U	483 J
Anthracene	UG/KG	NS	100000	24.8 J	130 U	120 U	853	17,900
Benzo(a)anthracene	UG/KG	NS	1000	169	130 U	120 U	4,600	53,200
Benzo(a)pyrene	UG/KG	2600	1000	280	130 U	120 U	5,080	43,900
Benzo(b)fluoranthene	UG/KG	NS	1000	286	130 U	120 U	5,460	44,300
Benzo(g,h,i)perylene	UG/KG	NS	100000	114 J	130 U	120 U	3,250	24,100
Benzo(k)fluoranthene	UG/KG	NS	1000	159	130 U	120 U	4,670	45,700

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-N	5500-SB-N	5500-SB-N	5500-SB-S	5500-SB-S
Sample ID				5500-SB-N-0-6	5500-SB-N-6-12	5500-SB-N-12-24	5500-SB-S-0-6	5500-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	330 U	320 U	163 J	1,700 U	7,900 U
Butylbenzylphthalate	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
Carbazole	UG/KG	-	-	28.4 J	130 U	120 U	891	17,800
Chrysene	UG/KG	NS	1000	190	130 U	120 U	5,610	55,600
Dibenz(a,h)anthracene	UG/KG	NS	330	192	130 U	120 U	1,440	8,670
Dibenzofuran	UG/KG	NS	14000	130 U	130 U	120 U	204 J	7,540
Dimethylphthalate	UG/KG	-	-	364	320 U	300 U	1,700 U	7,900 U
Di-n-butylphthalate	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
Di-n-octylphthalate	UG/KG	-	-	330 UJ	320 UJ	300 UJ	1,700 UJ	7,900 UJ
Fluoranthene	UG/KG	NS	100000	351	13.4 J	120 U	10,900	139,000
Fluorene	UG/KG	30000	100000	130 U	130 U	120 U	386 J	10,200
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	334	130 U	120 U	3,960	27,300
Isophorone	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
Naphthalene	UG/KG	NS	100000	130 U	130 U	120 U	690 U	5,160
Nitrobenzene	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	320 U	300 U	1,700 U	7,900 U
Phenanthrene	UG/KG	NS	100000	144	130 U	120 U	5,690	124,000
Phenol	UG/KG	30000	100000	330 U	320 U	300 U	1,700 U	7,900 U
Pyrene	UG/KG	NS	100000	324	130 U	120 U	9,700	116,000

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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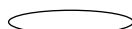
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-N	5500-SB-N	5500-SB-N	5500-SB-S	5500-SB-S
Sample ID				5500-SB-N-0-6	5500-SB-N-6-12	5500-SB-N-12-24	5500-SB-S-0-6	5500-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	45 U	41 U	41 U	47 U	52 U
Aroclor 1254	UG/KG	-	-	45 U	41 U	41 U	268 J	1,500 DJ
Aroclor 1260	UG/KG	-	-	68.8	41 U	41 U	332	2,260 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	68.8	41 U	41 U	600	3,760
Metals								
Arsenic	MG/KG	13	16	8.7	3.6	2.1	4.8	6.4
Barium	MG/KG	433	350	51.6	37.2	26.2	54.1	63.9
Cadmium	MG/KG	4	2.5	0.37 J	0.12 J	0.073 J	0.57	0.84
Chromium	MG/KG	41	36	17.6	16.6	13.2	24.1	38.3
Lead	MG/KG	63	400	11.3	8.2	6.4	37.7	63.0
Mercury	MG/KG	0.18	0.81	0.14	0.048	0.028 J	0.10	0.36
Selenium	MG/KG	3.9	36	1 U	1 U	0.91 U	1.1 U	1.2 U
Silver	MG/KG	2	36	0.52 U	0.51 U	0.46 U	0.53 U	0.74

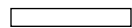
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

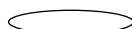
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-S	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H
Sample ID				5500-SB-S-12-24	5600-FP-N-H-0-2	5600-FP-N-H-0-6	5600-FP-N-H-6-12	5600-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	380 U	NA	1.1 U	2 U	2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	380 U	NA	0.19 J	2 U	2 U
1,1-Dichloroethene	UG/KG	NS	100000	380 U	NA	1.1 U	2 U	2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	24,200	NA	1.1 U	2 U	2 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	148 J	NA	1.1 U	2 U	2 U
2-Hexanone	UG/KG	-	-	1,900 UJ	NA	5.7 U	10 U	9.9 U
4-Methyl-2-pentanone	UG/KG	-	-	950 U	NA	2.8 U	5.1 U	5 U
Acetone	UG/KG	2200	100000	R	NA	30.4 J	R	17.3 J
Benzene	UG/KG	70000	2900	95 U	NA	0.38	0.51 U	0.56
Bromomethane	UG/KG	-	-	380 U	NA	1.1 U	2 U	2 U
Carbon disulfide	UG/KG	-	-	101 J	NA	0.62 J	5.1 U	5 U
Chloroform	UG/KG	12000	10000	380 U	NA	1.1 U	2 U	2 U
Chloromethane	UG/KG	-	-	950 UJ	NA	2.8 U	5.1 U	5 U
Ethylbenzene	UG/KG	NS	30000	380 U	NA	1.1 U	2 U	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	3,670 J	NA	5.0 J	R	R
Methylene chloride	UG/KG	12000	51000	380 U	NA	1.1 U	2 U	2 U
Tetrachloroethene	UG/KG	2000	5500	380 U	NA	1.1 U	2 U	2 U
Toluene	UG/KG	36000	100000	950 U	NA	0.39 J	5.1 U	0.41 J
Trichloroethene	UG/KG	2000	10000	1,270	NA	1.1 U	0.54 J	2 U
Vinyl chloride	UG/KG	NS	210	729	NA	1.1 U	2 U	2 U

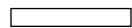
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-S	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H
Sample ID				5500-SB-S-12-24	5600-FP-N-H-0-2	5600-FP-N-H-0-6	5600-FP-N-H-6-12	5600-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	380 U	NA	0.36 J	2 U	2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
1,2-Dichlorobenzene	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
1,3-Dichlorobenzene	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
1,4-Dichlorobenzene	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
2,4-Dimethylphenol	UG/KG	-	-	39,000 U	690 U	NA	630 U	560 U
2-Methylnaphthalene	UG/KG	-	-	3,720 J	140 U	NA	31.4 J	342
2-Nitroaniline	UG/KG	-	-	39,000 U	690 U	NA	630 U	560 U
3&4-Methylphenol	UG/KG	NS	34000	39,000 U	690 U	NA	630 U	560 U
4-Bromophenyl-phenylether	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
4-Chloroaniline	UG/KG	-	-	39,000 U	690 UJ	NA	630 UJ	560 UJ
Acenaphthene	UG/KG	20000	100000	22,400	30.5 J	NA	245	1,160
Acenaphthylene	UG/KG	NS	100000	867 J	34.6 J	NA	127 J	150
Anthracene	UG/KG	NS	100000	33,500	78.4 J	NA	936	3,110
Benzo(a)anthracene	UG/KG	NS	1000	94,500	369	NA	2,230	4,310
Benzo(a)pyrene	UG/KG	2600	1000	80,500	448	NA	1,690	3,150
Benzo(b)fluoranthene	UG/KG	NS	1000	83,700	468	NA	1,520	2,950
Benzo(g,h,i)perylene	UG/KG	NS	100000	40,700	193	NA	842	1,860
Benzo(k)fluoranthene	UG/KG	NS	1000	76,900	314	NA	1,660	3,050

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-S	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H
Sample ID				5500-SB-S-12-24	5600-FP-N-H-0-2	5600-FP-N-H-0-6	5600-FP-N-H-6-12	5600-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	19,000 U	181 J	NA	173 J	280 U
Butylbenzylphthalate	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
Carbazole	UG/KG	-	-	32,900	64.8 J	NA	93.1 J	880
Chrysene	UG/KG	NS	1000	100,000	400	NA	1,850	3,420
Dibenz(a,h)anthracene	UG/KG	NS	330	18,500	206	NA	403	685
Dibenzofuran	UG/KG	NS	14000	14,600	19.5 J	NA	86.8 J	775
Dimethylphthalate	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
Di-n-butylphthalate	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
Di-n-octylphthalate	UG/KG	-	-	19,000 UJ	340 U	NA	320 U	280 U
Fluoranthene	UG/KG	NS	100000	260,000	818	NA	4,800	10,300 D
Fluorene	UG/KG	30000	100000	21,200	25.7 J	NA	295	1,510
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	52,600	413	NA	1,040	2,060
Isophorone	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
Naphthalene	UG/KG	NS	100000	8,480	140 U	NA	27.3 J	402
Nitrobenzene	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	19,000 U	340 U	NA	320 U	280 U
Phenanthrene	UG/KG	NS	100000	242,000	481	NA	2,880	9,840 D
Phenol	UG/KG	30000	100000	19,000 U	340 U	NA	320 U	280 U
Pyrene	UG/KG	NS	100000	210,000	720	NA	3,720	7,410

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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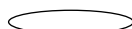
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5500-SB-S	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H	5600-FP-N-H
Sample ID				5500-SB-S-12-24	5600-FP-N-H-0-2	5600-FP-N-H-0-6	5600-FP-N-H-6-12	5600-FP-N-H-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/27/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	51 U	45 U	NA	43 U	37 U
Aroclor 1254	UG/KG	-	-	514 J	45 U	NA	21.1 J	37 U
Aroclor 1260	UG/KG	-	-	680 J	24.0 J	NA	40.5 J	37 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,194	24.0	NA	61.6	37 U
Metals								
Arsenic	MG/KG	13	16	7.0	5.1	NA	7.1	6.9
Barium	MG/KG	433	350	48.0	71.5	NA	69.0	69.7
Cadmium	MG/KG	4	2.5	1.4	0.34 J	NA	0.28 J	0.18 J
Chromium	MG/KG	41	36	289	13.6	NA	16.2	12.6
Lead	MG/KG	63	400	81.9	49.5	NA	37.3	10.3
Mercury	MG/KG	0.18	0.81	0.46	0.052	NA	0.049	0.040
Selenium	MG/KG	3.9	36	1.2 U	0.68 J	NA	0.60 J	0.56 J
Silver	MG/KG	2	36	1.4	0.52 U	NA	0.11 J	0.42 U

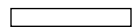
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-M
Sample ID				5600-FP-N-L-0-2	5600-FP-N-L-0-6	5600-FP-N-L-6-12	5600-FP-N-L-12-24	5600-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	3.2 U	3.3 U	2.8 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	3.2 UJ	3.3 U	2.8 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	3.2 U	3.3 U	2.8 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	3.2 U	3.3 U	2.8 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	3.2 U	3.3 U	2.8 U	NA
2-Hexanone	UG/KG	-	-	NA	16 U	17 U	14 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	7.9 U	8.3 U	6.9 U	NA
Acetone	UG/KG	2200	100000	NA	R	R	R	NA
Benzene	UG/KG	70000	2900	NA	0.79 U	0.83 U	0.69 U	NA
Bromomethane	UG/KG	-	-	NA	3.2 U	3.3 U	2.8 U	NA
Carbon disulfide	UG/KG	-	-	NA	7.9 U	8.3 U	6.9 U	NA
Chloroform	UG/KG	12000	10000	NA	0.92 J	0.87 J	0.70 J	NA
Chloromethane	UG/KG	-	-	NA	7.9 UJ	8.3 UJ	6.9 UJ	NA
Ethylbenzene	UG/KG	NS	30000	NA	3.2 U	3.3 U	2.8 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	R	R	NA
Methylene chloride	UG/KG	12000	51000	NA	3.2 U	3.3 U	2.8 U	NA
Tetrachloroethene	UG/KG	2000	5500	NA	3.2 U	3.3 U	2.8 U	NA
Toluene	UG/KG	36000	100000	NA	7.9 U	8.3 U	6.9 U	NA
Trichloroethene	UG/KG	2000	10000	NA	2.2 J	2.4 J	1.9 J	NA
Vinyl chloride	UG/KG	NS	210	NA	3.2 U	3.3 U	2.8 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-M
Sample ID				5600-FP-N-L-0-2	5600-FP-N-L-0-6	5600-FP-N-L-6-12	5600-FP-N-L-12-24	5600-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	3.2 U	3.3 U	2.8 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
1,2-Dichlorobenzene	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
1,3-Dichlorobenzene	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
1,4-Dichlorobenzene	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
2,4-Dimethylphenol	UG/KG	-	-	760 U	NA	740 U	730 U	1,400 UJ
2-Methylnaphthalene	UG/KG	-	-	31.9 J	NA	77.0 J	29.6 J	270 UJ
2-Nitroaniline	UG/KG	-	-	760 U	NA	740 U	730 U	1,400 UJ
3&4-Methylphenol	UG/KG	NS	34000	760 U	NA	740 U	730 U	1,400 UJ
4-Bromophenyl-phenylether	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
4-Chloroaniline	UG/KG	-	-	760 UJ	NA	740 UJ	730 UJ	1,400 UJ
Acenaphthene	UG/KG	20000	100000	209	NA	369	92.4 J	85.1 J
Acenaphthylene	UG/KG	NS	100000	64.0 J	NA	159	81.5 J	66.0 J
Anthracene	UG/KG	NS	100000	474	NA	934	260	178 J
Benzo(a)anthracene	UG/KG	NS	1000	2,680	NA	4,110	976	1,020 J
Benzo(a)pyrene	UG/KG	2600	1000	2,860	NA	3,900	996	1,290 J
Benzo(b)fluoranthene	UG/KG	NS	1000	3,360	NA	4,050	1,030	1,430 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,380	NA	3,350	648	703 J
Benzo(k)fluoranthene	UG/KG	NS	1000	2,920	NA	3,840	970	1,090 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-M
Sample ID				5600-FP-N-L-0-2	5600-FP-N-L-0-6	5600-FP-N-L-6-12	5600-FP-N-L-12-24	5600-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	330 J	NA	668	518	434 J
Butylbenzylphthalate	UG/KG	-	-	380 U	NA	110 U	360 U	690 UJ
Carbazole	UG/KG	-	-	485	NA	753	199	184 J
Chrysene	UG/KG	NS	1000	3,300	NA	4,410	1,010	1,230 J
Dibenz(a,h)anthracene	UG/KG	NS	330	748	NA	1,120	311	452 J
Dibenzofuran	UG/KG	NS	14000	93.7 J	NA	194	53.3 J	34.6 J
Dimethylphthalate	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
Di-n-butylphthalate	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
Di-n-octylphthalate	UG/KG	-	-	380 U	NA	370 U	274 J	690 UJ
Fluoranthene	UG/KG	NS	100000	6,160	NA	8,330	2,030	2,110 J
Fluorene	UG/KG	30000	100000	189	NA	348	102 J	76.4 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,330	NA	3,470	804	1,090 J
Isophorone	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
Naphthalene	UG/KG	NS	100000	55.2 J	NA	133 J	49.9 J	270 UJ
Nitrobenzene	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
N-Nitroso-di-n-propylamine	UG/KG	-	-	380 U	NA	370 U	360 U	690 UJ
Phenanthrene	UG/KG	NS	100000	2,750	NA	4,520	1,200	1,010 J
Phenol	UG/KG	30000	100000	380 U	NA	370 U	360 U	690 UJ
Pyrene	UG/KG	NS	100000	5,400	NA	7,560	1,840	1,860 J

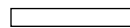
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-L	5600-FP-N-M
Sample ID				5600-FP-N-L-0-2	5600-FP-N-L-0-6	5600-FP-N-L-6-12	5600-FP-N-L-12-24	5600-FP-N-M-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	51 U	NA	48 U	49 U	90 UJ
Aroclor 1254	UG/KG	-	-	246	NA	1,490 D	1,520 D	47.5 J
Aroclor 1260	UG/KG	-	-	409	NA	1,860 D	1,310 D	165 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	655	NA	3,350	2,830	212.5
Metals								
Arsenic	MG/KG	13	16	5.7	NA	8.7	9.8	8.2 J
Barium	MG/KG	433	350	84.2	NA	84.6	114	106 J
Cadmium	MG/KG	4	2.5	0.80	NA	2.0	1.8	1.4 J
Chromium	MG/KG	41	36	31.2	NA	105	86.4	27.3 J
Lead	MG/KG	63	400	56.9	NA	238	139	90.0 J
Mercury	MG/KG	0.18	0.81	0.11	NA	0.37	0.22	0.13 J
Selenium	MG/KG	3.9	36	0.52 J	NA	0.83 J	1.1	0.82 J
Silver	MG/KG	2	36	0.17 J	NA	1.5	1.3	0.21 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

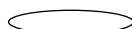
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-M	5600-FP-N-M	5600-FP-N-M	5600-OF-003	5600-OF-003
Sample ID				5600-FP-N-M-0-6	5600-FP-N-M-6-12	5600-FP-N-M-12-24	5600-OF-003-0-2	5600-OF-003-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/26/16	04/26/16	04/26/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.5 U	R	2.3 U	NA	2.4 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.5 U	R	2.3 U	NA	2.4 U
1,1-Dichloroethene	UG/KG	NS	100000	3.5 U	R	2.3 U	NA	2.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.5 U	R	2.3 U	NA	2.1 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	3.5 U	R	2.3 U	NA	2.4 U
2-Hexanone	UG/KG	-	-	17 U	R	12 U	NA	12 U
4-Methyl-2-pentanone	UG/KG	-	-	8.7 U	R	5.8 U	NA	6 U
Acetone	UG/KG	2200	100000	R	R	9.8 J	NA	47.7 J
Benzene	UG/KG	70000	2900	0.87 U	R	0.58 U	NA	0.78
Bromomethane	UG/KG	-	-	3.5 U	R	2.3 U	NA	2.4 U
Carbon disulfide	UG/KG	-	-	8.7 U	R	5.8 U	NA	0.88 J
Chloroform	UG/KG	12000	10000	1.1 J	1.1 J	2.3 U	NA	2.4 U
Chloromethane	UG/KG	-	-	8.7 UJ	R	5.8 U	NA	6 U
Ethylbenzene	UG/KG	NS	30000	3.5 U	R	2.3 U	NA	2.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	R	NA	9.4 J
Methylene chloride	UG/KG	12000	51000	3.5 U	R	3.8 U	NA	1.2 J
Tetrachloroethene	UG/KG	2000	5500	3.5 U	R	2.3 U	NA	2.4 U
Toluene	UG/KG	36000	100000	8.7 U	R	5.8 U	NA	6 U
Trichloroethene	UG/KG	2000	10000	1.9 J	3.4 J	0.58 J	NA	4.4
Vinyl chloride	UG/KG	NS	210	3.5 U	R	2.3 U	NA	2.4 U

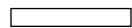
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-M	5600-FP-N-M	5600-FP-N-M	5600-OF-003	5600-OF-003
Sample ID				5600-FP-N-M-0-6	5600-FP-N-M-6-12	5600-FP-N-M-12-24	5600-OF-003-0-2	5600-OF-003-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/26/16	04/26/16	04/26/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	3.5 U	R	2.3 U	NA	1.5 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	820 U	580 U	3,300 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	160 U	120 U	670 U	NA
2-Nitroaniline	UG/KG	-	-	NA	820 U	580 U	3,300 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	820 U	580 U	3,300 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
4-Chloroaniline	UG/KG	-	-	NA	820 UJ	580 UJ	3,300 U	NA
Acenaphthene	UG/KG	20000	100000	NA	30.2 J	73.7 J	670 U	NA
Acenaphthylene	UG/KG	NS	100000	NA	48.0 J	23.9 J	670 U	NA
Anthracene	UG/KG	NS	100000	NA	110 J	337	172 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	389	618	678	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	471	517	1,220	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	470	466	1,420	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	187	179	458 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	339	393	618 J	NA

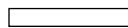
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-M	5600-FP-N-M	5600-FP-N-M	5600-OF-003	5600-OF-003
Sample ID				5600-FP-N-M-0-6	5600-FP-N-M-6-12	5600-FP-N-M-12-24	5600-OF-003-0-2	5600-OF-003-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/26/16	04/26/16	04/26/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	270 J	290 U	1,700 U	NA
Butylbenzylphthalate	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
Carbazole	UG/KG	-	-	NA	46.8 J	53.5 J	170 J	NA
Chrysene	UG/KG	NS	1000	NA	370	498	814	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	245	187	670 U	NA
Dibenzofuran	UG/KG	NS	14000	NA	160 U	27.8 J	670 U	NA
Dimethylphthalate	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	410 U	290 U	134 J	NA
Di-n-octylphthalate	UG/KG	-	-	NA	410 U	290 U	1,700 UJ	NA
Fluoranthene	UG/KG	NS	100000	NA	785	1,310	1,540	NA
Fluorene	UG/KG	30000	100000	NA	26.8 J	92.7 J	77.8 J	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	446	389	1,590	NA
Isophorone	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
Naphthalene	UG/KG	NS	100000	NA	160 U	120 U	670 U	NA
Nitrobenzene	UG/KG	-	-	NA	410 U	290 U	303 J	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	410 U	290 U	1,700 U	NA
Phenanthrene	UG/KG	NS	100000	NA	343	882	802	NA
Phenol	UG/KG	30000	100000	NA	410 U	290 U	1,700 U	NA
Pyrene	UG/KG	NS	100000	NA	691	1,070	1,420	NA

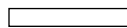
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-FP-N-M	5600-FP-N-M	5600-FP-N-M	5600-OF-003	5600-OF-003
Sample ID				5600-FP-N-M-0-6	5600-FP-N-M-6-12	5600-FP-N-M-12-24	5600-OF-003-0-2	5600-OF-003-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				04/26/16	04/26/16	04/26/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	55 U	39 U	45 U	NA
Aroclor 1254	UG/KG	-	-	NA	98.9	39 U	1,620 D	NA
Aroclor 1260	UG/KG	-	-	NA	197	39.3	1,190 DJ	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	295.9	39.3	2,810	NA
Metals								
Arsenic	MG/KG	13	16	NA	8.6	5.6	6.3	NA
Barium	MG/KG	433	350	NA	123	97.9	46.5	NA
Cadmium	MG/KG	4	2.5	NA	0.47 J	0.18 J	1.1	NA
Chromium	MG/KG	41	36	NA	20.5	14.1	74.9	NA
Lead	MG/KG	63	400	NA	43.2	10.3	67.9	NA
Mercury	MG/KG	0.18	0.81	NA	0.092	0.029 J	0.13	NA
Selenium	MG/KG	3.9	36	NA	0.77 J	0.49 J	0.75 J	NA
Silver	MG/KG	2	36	NA	0.62 U	0.43 U	0.63	NA

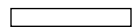
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-OF-003	5600-OF-003	5600-OFB-003	5700-C	5700-C
Sample ID				5600-OF-003-6-12	5600-OF-003-12-24	5600-OFB-003-34-36	5700-C-1.0-1.5	5700-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.8-3.0	1.0-1.5	1.5-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	R	R	R	2.3 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	R	R	R	2.3 U	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	R	R	R	2.3 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	8.2 J	3.9 J	R	2.3 U	2.3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.4 J	1.2 J	R	2.3 U	2.3 U
2-Hexanone	UG/KG	-	-	R	R	R	12 UJ	11 UJ
4-Methyl-2-pentanone	UG/KG	-	-	R	R	R	5.8 U	5.6 UJ
Acetone	UG/KG	2200	100000	80.8 J	66.2 J	71.5 J	130 J	19.6 J
Benzene	UG/KG	70000	2900	R	0.51 J	0.58 J	0.63 J	0.56 UJ
Bromomethane	UG/KG	-	-	R	R	R	2.3 U	2.3 U
Carbon disulfide	UG/KG	-	-	2.4 J	18.4 J	1.5 J	2.9 J	0.94 J
Chloroform	UG/KG	12000	10000	R	R	R	2.3 U	2.3 U
Chloromethane	UG/KG	-	-	R	R	R	5.8 U	5.6 U
Ethylbenzene	UG/KG	NS	30000	R	R	R	2.3 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	12.5 J	18.6 J	11.2 J	29.9 J	R
Methylene chloride	UG/KG	12000	51000	0.61 J	0.82 J	1.2 J	1.5 J	0.52 J
Tetrachloroethene	UG/KG	2000	5500	0.42 J	R	R	2.3 U	2.3 U
Toluene	UG/KG	36000	100000	R	R	R	5.8 U	5.6 UJ
Trichloroethene	UG/KG	2000	10000	28.5 J	5.6 J	0.85 J	2.3 U	2.3 UJ
Vinyl chloride	UG/KG	NS	210	R	R	R	2.3 U	2.3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-OF-003	5600-OF-003	5600-OFB-003	5700-C	5700-C
Sample ID				5600-OF-003-6-12	5600-OF-003-12-24	5600-OFB-003-34-36	5700-C-1.0-1.5	5700-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.8-3.0	1.0-1.5	1.5-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.7 J	R	R	2.3 U	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	670 UJ	650 U	560 U	660 U	610 U
2-Methylnaphthalene	UG/KG	-	-	79.5 J	68.8 J	110 U	130 U	120 U
2-Nitroaniline	UG/KG	-	-	670 UJ	650 U	560 U	660 U	610 U
3&4-Methylphenol	UG/KG	NS	34000	670 UJ	650 U	560 U	660 U	610 U
4-Bromophenyl-phenylether	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
4-Chloroaniline	UG/KG	-	-	670 UJ	650 U	560 U	660 U	610 U
Acenaphthene	UG/KG	20000	100000	130 UJ	102 J	39.8 J	130 U	120 U
Acenaphthylene	UG/KG	NS	100000	97.9 J	65.0 J	13.7 J	130 U	120 U
Anthracene	UG/KG	NS	100000	370 J	222	111	130 U	120 U
Benzo(a)anthracene	UG/KG	NS	1000	1,090 J	652	303	130 U	120 U
Benzo(a)pyrene	UG/KG	2600	1000	1,060 J	671	334	130 U	120 U
Benzo(b)fluoranthene	UG/KG	NS	1000	1,100 J	676	313	130 U	120 U
Benzo(g,h,i)perylene	UG/KG	NS	100000	591 J	507 J	191 J	130 UJ	120 UJ
Benzo(k)fluoranthene	UG/KG	NS	1000	920 J	571	230	130 U	120 U

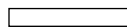
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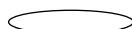
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-OF-003	5600-OF-003	5600-OFB-003	5700-C	5700-C
Sample ID				5600-OF-003-6-12	5600-OF-003-12-24	5600-OFB-003-34-36	5700-C-1.0-1.5	5700-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.8-3.0	1.0-1.5	1.5-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	340 UJ	330 U	280 U	330 UJ	310 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	340 UJ	323 J	214 J	330 U	310 U
Butylbenzylphthalate	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
Carbazole	UG/KG	-	-	298 J	141	49.4 J	130 U	120 U
Chrysene	UG/KG	NS	1000	1,120 J	717	288	130 U	120 U
Dibenz(a,h)anthracene	UG/KG	NS	330	271 J	252	174	130 U	120 U
Dibenzofuran	UG/KG	NS	14000	113 J	131	20.8 J	130 U	120 U
Dimethylphthalate	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
Di-n-butylphthalate	UG/KG	-	-	17.6 J	26.9 J	280 U	330 U	310 U
Di-n-octylphthalate	UG/KG	-	-	340 UJ	330 UJ	280 UJ	330 UJ	310 UJ
Fluoranthene	UG/KG	NS	100000	2,500 J	1,390	611	130 U	120 U
Fluorene	UG/KG	30000	100000	175 J	104 J	45.4 J	130 U	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	749 J	665	356	130 U	120 U
Isophorone	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
Naphthalene	UG/KG	NS	100000	141 J	192	13.3 J	130 U	120 U
Nitrobenzene	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	340 UJ	330 U	280 U	330 U	310 U
Phenanthrene	UG/KG	NS	100000	1,740 J	1,100	447	130 U	120 U
Phenol	UG/KG	30000	100000	340 UJ	330 U	280 U	330 UJ	310 UJ
Pyrene	UG/KG	NS	100000	2,160 J	1,460	590	130 U	120 U

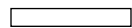
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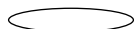
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5600-OF-003	5600-OF-003	5600-OFB-003	5700-C	5700-C
Sample ID				5600-OF-003-6-12	5600-OF-003-12-24	5600-OFB-003-34-36	5700-C-1.0-1.5	5700-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	2.8-3.0	1.0-1.5	1.5-2.0
Date Sampled				04/27/16	04/27/16	04/27/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	43 U	37 U	44 U	42 U
Aroclor 1254	UG/KG	-	-	44 U	43 U	51.8 J	44 U	42 U
Aroclor 1260	UG/KG	-	-	13,300 D	12,600 D	144	44 U	42 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	13,300	12,600	195.8	44 U	42 U
Metals								
Arsenic	MG/KG	13	16	7.3	8.5	60.0	9.5	9.4
Barium	MG/KG	433	350	50.8	56.8	49.6	13.3	105
Cadmium	MG/KG	4	2.5	1.7	1.3	0.20 J	0.40 U	0.076 J
Chromium	MG/KG	41	36	44.7	43.4	17.6	6.0	16.4
Lead	MG/KG	63	400	63.8	73.2	23.3	3.6	9.3
Mercury	MG/KG	0.18	0.81	0.41	0.35	0.045	0.037 U	0.015 J
Selenium	MG/KG	3.9	36	0.56 J	0.83 J	0.39 J	1.0 U	0.95 U
Silver	MG/KG	2	36	2.0	16.3	0.24 J	0.080 J	0.47 U

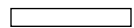
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-N	5700-SB-N	5700-SB-N	5700-SB-S	5700-SB-S
Sample ID				5700-SB-N-0-6	5700-SB-N-6-12	5700-SB-N-12-24	5700-SB-S-0-6	5700-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
1,1-Dichloroethene	UG/KG	NS	100000	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	R	2.6 J	2.7 J	2.1 J	1.1 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
2-Hexanone	UG/KG	-	-	11 U	13 U	19 U	17 U	16 U
4-Methyl-2-pentanone	UG/KG	-	-	5.4 U	6.6 U	9.4 U	8.6 U	7.8 U
Acetone	UG/KG	2200	100000	62.0 J	60.1 J	188 J	125 J	73.3 J
Benzene	UG/KG	70000	2900	0.54 U	0.66 U	0.94 U	1.6	0.96
Bromomethane	UG/KG	-	-	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
Carbon disulfide	UG/KG	-	-	3.0 J	2.1 J	4.5 J	14.3	4.5 J
Chloroform	UG/KG	12000	10000	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
Chloromethane	UG/KG	-	-	5.4 U	6.6 U	9.4 U	8.6 U	7.8 U
Ethylbenzene	UG/KG	NS	30000	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	3.8 J	5.2 J	27.8 J	19.9 J	9.7 J
Methylene chloride	UG/KG	12000	51000	0.70 J	1.1 J	1.8 J	1.0 J	0.98 J
Tetrachloroethene	UG/KG	2000	5500	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U
Toluene	UG/KG	36000	100000	5.4 U	6.6 U	9.4 U	8.6 U	7.8 U
Trichloroethene	UG/KG	2000	10000	0.61 J	2.6 U	3.8 U	6.1	4.9
Vinyl chloride	UG/KG	NS	210	2.2 U	2.6 U	3.8 U	3.4 U	3.1 U

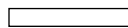
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

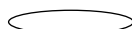
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-N	5700-SB-N	5700-SB-N	5700-SB-S	5700-SB-S
Sample ID				5700-SB-N-0-6	5700-SB-N-6-12	5700-SB-N-12-24	5700-SB-S-0-6	5700-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.2 U	2.6 U	3.8 U	2.5 J	3.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
1,2-Dichlorobenzene	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
1,3-Dichlorobenzene	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
1,4-Dichlorobenzene	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
2,4-Dimethylphenol	UG/KG	-	-	650 U	720 U	850 U	3,800 U	3,800 U
2-Methylnaphthalene	UG/KG	-	-	130 U	140 U	170 U	760 U	750 U
2-Nitroaniline	UG/KG	-	-	650 U	720 U	850 U	3,800 U	3,800 U
3&4-Methylphenol	UG/KG	NS	34000	650 U	720 U	850 U	3,800 U	3,800 U
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	360 U	420 U	1,900 U	96.0 J
4-Chloroaniline	UG/KG	-	-	650 U	720 U	850 U	3,800 U	3,800 U
Acenaphthene	UG/KG	20000	100000	26.4 J	140 U	170 U	487 J	941
Acenaphthylene	UG/KG	NS	100000	130 U	140 U	170 U	760 U	750 U
Anthracene	UG/KG	NS	100000	41.5 J	140 U	170 U	978	943
Benzo(a)anthracene	UG/KG	NS	1000	158	140 U	170 U	5,100	4,610
Benzo(a)pyrene	UG/KG	2600	1000	248	140 U	170 U	5,670	4,860
Benzo(b)fluoranthene	UG/KG	NS	1000	255	140 U	170 U	6,360	5,540
Benzo(g,h,i)perylene	UG/KG	NS	100000	94.1 J	140 U	170 U	3,630	2,790
Benzo(k)fluoranthene	UG/KG	NS	1000	139	140 U	170 U	4,970	4,340

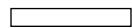
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-N	5700-SB-N	5700-SB-N	5700-SB-S	5700-SB-S
Sample ID				5700-SB-N-0-6	5700-SB-N-6-12	5700-SB-N-12-24	5700-SB-S-0-6	5700-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	330 U	360 U	420 U	1,020 J	2,060
Butylbenzylphthalate	UG/KG	-	-	330 U	360 U	420 U	1,900 U	343 J
Carbazole	UG/KG	-	-	44.0 J	140 U	170 U	843	1,090
Chrysene	UG/KG	NS	1000	176	140 U	170 U	6,130	5,460
Dibenz(a,h)anthracene	UG/KG	NS	330	178	140 U	170 U	1,500	1,460
Dibenzofuran	UG/KG	NS	14000	130 U	140 U	170 U	209 J	415 J
Dimethylphthalate	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
Di-n-butylphthalate	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
Di-n-octylphthalate	UG/KG	-	-	330 UJ	360 UJ	420 UJ	1,900 UJ	1,900 UJ
Fluoranthene	UG/KG	NS	100000	377	140 U	170 U	11,500	11,800
Fluorene	UG/KG	30000	100000	21.2 J	140 U	170 U	434 J	668 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	316	140 U	170 U	4,320	3,880
Isophorone	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
Naphthalene	UG/KG	NS	100000	130 U	140 U	170 U	760 U	203 J
Nitrobenzene	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	360 U	420 U	1,900 U	1,900 U
Phenanthrene	UG/KG	NS	100000	231	140 U	170 U	5,440	7,610
Phenol	UG/KG	30000	100000	330 U	360 U	420 U	1,900 U	1,900 U
Pyrene	UG/KG	NS	100000	325	140 U	170 U	10,300	9,910

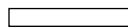
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-N	5700-SB-N	5700-SB-N	5700-SB-S	5700-SB-S
Sample ID				5700-SB-N-0-6	5700-SB-N-6-12	5700-SB-N-12-24	5700-SB-S-0-6	5700-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/27/16	04/27/16	04/27/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	47 U	58 U	50 U	52 U
Aroclor 1254	UG/KG	-	-	38.2 J	47 U	58 U	190	317
Aroclor 1260	UG/KG	-	-	31.2 J	47 U	58 U	166 J	258 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	69.4	47 U	58 U	356	575
Metals								
Arsenic	MG/KG	13	16	4.2	3.1	2.8	6.2	5.8
Barium	MG/KG	433	350	66.3	75.4	67.5	65.3	57.3
Cadmium	MG/KG	4	2.5	0.38 J	0.31 J	0.26 J	0.82	0.78
Chromium	MG/KG	41	36	12.5	11.7	8.5	30.2	36.4
Lead	MG/KG	63	400	7.7	5.3	3.9	44.7	60.8
Mercury	MG/KG	0.18	0.81	0.057	0.070	0.053	0.094	0.10
Selenium	MG/KG	3.9	36	0.98 U	0.55 J	0.39 J	0.44 J	0.59 J
Silver	MG/KG	2	36	0.49 U	0.19 J	0.16 J	0.47 J	0.49 J

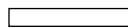
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-S	5700-SB-S	5840-FP-S-H	5840-FP-S-H	5840-FP-S-H
Sample ID				5700-SB-S-12-24	DUP-4	5840-FP-S-H-0-2	5840-FP-S-H-0-6	5840-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.4 U	370 U	NA	2.8 U	1.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.4 U	370 U	NA	2.8 U	1.3 UJ
1,1-Dichloroethene	UG/KG	NS	100000	3.4 U	370 U	NA	2.8 U	1.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.5	370 U	NA	2.8 U	1.3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	3.4 U	370 U	NA	2.8 U	1.3 U
2-Hexanone	UG/KG	-	-	17 U	1,900 UJ	NA	14 U	6.7 U
4-Methyl-2-pentanone	UG/KG	-	-	8.5 U	930 U	NA	7.1 U	3.3 U
Acetone	UG/KG	2200	100000	195 J	R	NA	R	135 J
Benzene	UG/KG	70000	2900	0.64 J	93 U	NA	0.71 U	0.40
Bromomethane	UG/KG	-	-	3.4 U	370 U	NA	2.8 U	1.3 U
Carbon disulfide	UG/KG	-	-	5.1 J	930 U	NA	7.1 U	0.49 J
Chloroform	UG/KG	12000	10000	3.4 U	370 U	NA	2.8 U	1.3 U
Chloromethane	UG/KG	-	-	8.5 U	930 UJ	NA	7.1 U	3.3 U
Ethylbenzene	UG/KG	NS	30000	3.4 U	370 U	NA	2.8 U	1.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	43.9 J	R	NA	R	15.7 J
Methylene chloride	UG/KG	12000	51000	1.1 J	370 U	NA	2.8 U	1.3 U
Tetrachloroethene	UG/KG	2000	5500	3.4 U	370 U	NA	2.8 U	1.3 U
Toluene	UG/KG	36000	100000	8.5 U	80.9 J	NA	7.1 U	0.29 J
Trichloroethene	UG/KG	2000	10000	6.9 J	5,250 J	NA	0.61 J	1.3 U
Vinyl chloride	UG/KG	NS	210	3.4 U	370 U	NA	2.8 U	1.3 U

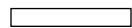
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-S	5700-SB-S	5840-FP-S-H	5840-FP-S-H	5840-FP-S-H
Sample ID				5700-SB-S-12-24	DUP-4	5840-FP-S-H-0-2	5840-FP-S-H-0-6	5840-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	3.4 UJ	199 J	NA	2.8 U	1.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
1,2-Dichlorobenzene	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
1,3-Dichlorobenzene	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
1,4-Dichlorobenzene	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
2,4-Dimethylphenol	UG/KG	-	-	39,000 U	15,000 U	750 U	NA	660 U
2-Methylnaphthalene	UG/KG	-	-	7,900 U	1,130 J	38.8 J	NA	31.4 J
2-Nitroaniline	UG/KG	-	-	39,000 U	15,000 U	750 U	NA	660 U
3&4-Methylphenol	UG/KG	NS	34000	39,000 U	15,000 U	750 U	NA	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
4-Chloroaniline	UG/KG	-	-	39,000 U	15,000 U	750 UJ	NA	660 U
Acenaphthene	UG/KG	20000	100000	7,540 J	6,000	87.0 J	NA	55.7 J
Acenaphthylene	UG/KG	NS	100000	7,900 U	3,100 U	26.0 J	NA	130 U
Anthracene	UG/KG	NS	100000	14,000 J	7,150 J	186	NA	129 J
Benzo(a)anthracene	UG/KG	NS	1000	42,300 J	24,800 J	425	NA	340
Benzo(a)pyrene	UG/KG	2600	1000	40,200 J	22,500 J	464	NA	333
Benzo(b)fluoranthene	UG/KG	NS	1000	39,900 J	22,800 J	463	NA	295
Benzo(g,h,i)perylene	UG/KG	NS	100000	18,300	11,100	197	NA	227
Benzo(k)fluoranthene	UG/KG	NS	1000	34,600	20,900	306	NA	283

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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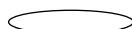
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SANDERS CREEK SITE

Location ID				5700-SB-S	5700-SB-S	5840-FP-S-H	5840-FP-S-H	5840-FP-S-H
Sample ID				5700-SB-S-12-24	DUP-4	5840-FP-S-H-0-2	5840-FP-S-H-0-6	5840-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	20,000 U	4,140 J	219 J	NA	71.2 J
Butylbenzylphthalate	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 UJ
Carbazole	UG/KG	-	-	11,900 J	6,260 J	113 J	NA	67.9 J
Chrysene	UG/KG	NS	1000	44,500	26,800	405	NA	357
Dibenz(a,h)anthracene	UG/KG	NS	330	13,700 J	6,490 J	229	NA	77.7 J
Dibenzofuran	UG/KG	NS	14000	4,030 J	2,870 J	50.3 J	NA	34.2 J
Dimethylphthalate	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
Di-n-butylphthalate	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
Di-n-octylphthalate	UG/KG	-	-	20,000 UJ	7,700 UJ	380 U	NA	330 U
Fluoranthene	UG/KG	NS	100000	105,000 J	60,900 J	906	NA	821
Fluorene	UG/KG	30000	100000	6,250 J	4,780	86.2 J	NA	62.4 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	30,500 J	15,700 J	435	NA	207
Isophorone	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
Naphthalene	UG/KG	NS	100000	2,070 J	2,280 J	67.3 J	NA	29.3 J
Nitrobenzene	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	20,000 U	7,700 U	380 U	NA	330 U
Phenanthrene	UG/KG	NS	100000	79,700 J	46,300 J	714	NA	532
Phenol	UG/KG	30000	100000	20,000 U	7,700 U	380 U	NA	330 U
Pyrene	UG/KG	NS	100000	89,500 J	51,500 J	805	NA	574

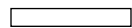
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5700-SB-S	5700-SB-S	5840-FP-S-H	5840-FP-S-H	5840-FP-S-H
Sample ID				5700-SB-S-12-24	DUP-4	5840-FP-S-H-0-2	5840-FP-S-H-0-6	5840-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/27/16	04/27/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	51 U	50 U	50 U	NA	43 U
Aroclor 1254	UG/KG	-	-	428	50 U	50 U	NA	22.0 J
Aroclor 1260	UG/KG	-	-	349 J	19,300 DJ	97.6	NA	102 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	777	19,300	97.6	NA	124
Metals								
Arsenic	MG/KG	13	16	4.9	5.2	5.7	NA	5.3
Barium	MG/KG	433	350	66.2	64.0	71.0	NA	109
Cadmium	MG/KG	4	2.5	1.0	0.91	0.68	NA	0.56
Chromium	MG/KG	41	36	52.3	40.4	15.8	NA	13.3
Lead	MG/KG	63	400	103	67.6	42.3	NA	35.7
Mercury	MG/KG	0.18	0.81	0.15	0.12	0.087	NA	0.071
Selenium	MG/KG	3.9	36	0.64 J	0.51 J	0.83 J	NA	0.56 J
Silver	MG/KG	2	36	0.68	0.42 J	0.56 U	NA	0.53 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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UJ - Not detected. The reported quantitation limit is an estimated value. 'R' - the data is rejected.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-H	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L
Sample ID				5840-FP-S-H-12-24	5840-FP-S-L-0-2	5840-FP-S-L-0-6	5840-FP-S-L-6-12	5840-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.5 U	NA	3.1 U	2.6 U	2.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.5 U	NA	3.1 U	2.6 U	2.8 U
1,1-Dichloroethene	UG/KG	NS	100000	1.5 U	NA	3.1 U	2.6 U	2.8 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.5 U	NA	3.1 U	2.6 U	2.8 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.5 U	NA	3.1 U	2.6 U	2.8 U
2-Hexanone	UG/KG	-	-	7.3 U	NA	15 U	13 U	14 U
4-Methyl-2-pentanone	UG/KG	-	-	3.6 U	NA	7.7 U	6.4 U	7 U
Acetone	UG/KG	2200	100000	191 J	NA	5.6 J	R	R
Benzene	UG/KG	70000	2900	0.35 J	NA	0.77 U	0.64 U	0.7 U
Bromomethane	UG/KG	-	-	1.5 U	NA	3.1 U	2.6 U	2.8 U
Carbon disulfide	UG/KG	-	-	0.55 J	NA	7.7 U	6.4 U	7 U
Chloroform	UG/KG	12000	10000	1.5 U	NA	3.1 U	2.6 U	2.8 U
Chloromethane	UG/KG	-	-	3.6 U	NA	7.7 U	6.4 U	7 U
Ethylbenzene	UG/KG	NS	30000	1.5 U	NA	3.1 U	2.6 U	2.8 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	20.7 J	NA	R	R	R
Methylene chloride	UG/KG	12000	51000	1.5 U	NA	3.9 U	6.6 J	2.9 U
Tetrachloroethene	UG/KG	2000	5500	1.5 U	NA	3.1 U	2.6 U	2.8 U
Toluene	UG/KG	36000	100000	0.30 J	NA	7.7 U	6.4 U	7 U
Trichloroethene	UG/KG	2000	10000	1.5 U	NA	1.0 J	0.79 J	0.63 J
Vinyl chloride	UG/KG	NS	210	1.5 U	NA	3.1 U	2.6 U	2.8 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-H	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L
Sample ID				5840-FP-S-H-12-24	5840-FP-S-L-0-2	5840-FP-S-L-0-6	5840-FP-S-L-6-12	5840-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.5 U	NA	3.1 U	2.6 U	2.8 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
1,2-Dichlorobenzene	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
1,3-Dichlorobenzene	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
1,4-Dichlorobenzene	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
2,4-Dimethylphenol	UG/KG	-	-	660 U	3,800 U	NA	3,300 U	660 U
2-Methylnaphthalene	UG/KG	-	-	38.6 J	760 U	NA	240 J	27.9 J
2-Nitroaniline	UG/KG	-	-	660 U	3,800 U	NA	3,300 U	660 U
3&4-Methylphenol	UG/KG	NS	34000	660 U	3,800 U	NA	3,300 U	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
4-Chloroaniline	UG/KG	-	-	660 U	3,800 U	NA	3,300 U	660 U
Acenaphthene	UG/KG	20000	100000	54.1 J	433 J	NA	1,080	63.2 J
Acenaphthylene	UG/KG	NS	100000	130 U	760 U	NA	90.1 J	23.7 J
Anthracene	UG/KG	NS	100000	147	940	NA	1,890	136
Benzo(a)anthracene	UG/KG	NS	1000	356	5,040	NA	5,750	484
Benzo(a)pyrene	UG/KG	2600	1000	350	6,220	NA	6,280	594
Benzo(b)fluoranthene	UG/KG	NS	1000	333	7,090	NA	7,170	612
Benzo(g,h,i)perylene	UG/KG	NS	100000	237	4,200	NA	3,760	367
Benzo(k)fluoranthene	UG/KG	NS	1000	277	5,650	NA	4,690	518

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-H	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L
Sample ID				5840-FP-S-H-12-24	5840-FP-S-L-0-2	5840-FP-S-L-0-6	5840-FP-S-L-6-12	5840-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	96.1 J	235 J	NA	615 J	523
Butylbenzylphthalate	UG/KG	-	-	330 UJ	1,900 UJ	NA	1,600 UJ	330 UJ
Carbazole	UG/KG	-	-	72.9 J	996	NA	1,720	125 J
Chrysene	UG/KG	NS	1000	379	6,770	NA	6,890	613
Dibenz(a,h)anthracene	UG/KG	NS	330	82.6 J	1,470	NA	1,270	117 J
Dibenzofuran	UG/KG	NS	14000	42.9 J	263 J	NA	655 J	37.6 J
Dimethylphthalate	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
Di-n-butylphthalate	UG/KG	-	-	14.4 J	129 J	NA	1,600 U	23.5 J
Di-n-octylphthalate	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
Fluoranthene	UG/KG	NS	100000	852	15,100	NA	19,600	1,640
Fluorene	UG/KG	30000	100000	65.6 J	476 J	NA	883	59.1 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	199	3,890	NA	3,430	337
Isophorone	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
Naphthalene	UG/KG	NS	100000	34.4 J	150 J	NA	350 J	29.0 J
Nitrobenzene	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	1,900 U	NA	1,600 U	330 U
Phenanthrene	UG/KG	NS	100000	639	6,260	NA	10,400	741
Phenol	UG/KG	30000	100000	330 U	1,900 U	NA	1,600 U	330 U
Pyrene	UG/KG	NS	100000	648	11,200	NA	12,800	1,070

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-H	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L	5840-FP-S-L
Sample ID				5840-FP-S-H-12-24	5840-FP-S-L-0-2	5840-FP-S-L-0-6	5840-FP-S-L-6-12	5840-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	48 U	NA	43 U	44 U
Aroclor 1254	UG/KG	-	-	21.7 J	411	NA	2,740 D	2,310 D
Aroclor 1260	UG/KG	-	-	95.3 J	772	NA	3,160 DJ	1,370 DJ
Total Polychlorinated Biphenyls	UG/KG	1000	1000	117	1,183	NA	5,900	3,680
Metals								
Arsenic	MG/KG	13	16	6.8	6.3	NA	9.3	7.0
Barium	MG/KG	433	350	77.0	66.7	NA	116	80.8
Cadmium	MG/KG	4	2.5	0.74	1.1	NA	3.2	1.0
Chromium	MG/KG	41	36	11.2	34.4	NA	139	69.7
Lead	MG/KG	63	400	32.0	64.0	NA	257	78.8
Mercury	MG/KG	0.18	0.81	0.070	0.11	NA	0.33	0.15
Selenium	MG/KG	3.9	36	0.83 J	0.50 J	NA	0.78 J	0.73 J
Silver	MG/KG	2	36	0.5 U	0.38 J	NA	0.66	0.49 U

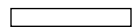
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M
Sample ID				5840-FP-S-M-0-2	5840-FP-S-M-0-6	5840-FP-S-M-6-12	5840-FP-S-M-12-24	DUP-2-5840
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	3.4 U	1.9 U	2.1 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	3.4 U	1.9 U	2.1 U	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	3.4 U	1.9 U	2.1 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	3.4 U	2.0	2.1 U	2.3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	3.4 U	1.9 U	2.1 U	2.3 U
2-Hexanone	UG/KG	-	-	NA	17 U	9.3 U	11 U	12 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	8.6 U	4.6 U	5.4 U	5.8 U
Acetone	UG/KG	2200	100000	NA	R	68.4 J	R	R
Benzene	UG/KG	70000	2900	NA	0.86 U	0.38 J	0.54 U	0.58 U
Bromomethane	UG/KG	-	-	NA	3.4 U	1.9 U	2.1 U	2.3 U
Carbon disulfide	UG/KG	-	-	NA	8.6 U	1.3 J	5.4 U	5.8 U
Chloroform	UG/KG	12000	10000	NA	3.4 U	1.9 U	2.1 U	2.3 U
Chloromethane	UG/KG	-	-	NA	8.6 U	4.6 U	5.4 U	5.8 U
Ethylbenzene	UG/KG	NS	30000	NA	3.4 U	1.9 U	2.1 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	7.5 J	R	R
Methylene chloride	UG/KG	12000	51000	NA	3.4 U	1.9 U	2.1 U	3.0 U
Tetrachloroethene	UG/KG	2000	5500	NA	3.4 U	1.9 U	2.1 U	2.3 U
Toluene	UG/KG	36000	100000	NA	8.6 U	0.38 J	5.4 U	5.8 U
Trichloroethene	UG/KG	2000	10000	NA	2.0 J	2.4	0.86 J	0.45 J
Vinyl chloride	UG/KG	NS	210	NA	3.4 U	1.9 U	2.1 U	2.3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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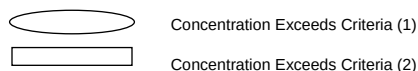
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M
Sample ID				5840-FP-S-M-0-2	5840-FP-S-M-0-6	5840-FP-S-M-6-12	5840-FP-S-M-12-24	DUP-2-5840
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	3.4 U	1.9 U	2.1 U	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	800 U	750 U	650 U	670 U	640 U
2-Methylnaphthalene	UG/KG	-	-	34.7 J	40.7 J	43.9 J	51.2 J	130 U
2-Nitroaniline	UG/KG	-	-	800 U	750 U	650 U	670 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	800 U	750 U	650 U	670 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
4-Chloroaniline	UG/KG	-	-	800 U	750 U	650 U	670 U	640 U
Acenaphthene	UG/KG	20000	100000	137 J	192	167	178	57.5 J
Acenaphthylene	UG/KG	NS	100000	31.1 J	53.0 J	55.8 J	19.9 J	19.3 J
Anthracene	UG/KG	NS	100000	361	432	347	254	126 J
Benzo(a)anthracene	UG/KG	NS	1000	2,320	2,460	1,560	634	513
Benzo(a)pyrene	UG/KG	2600	1000	3,280	3,250	1,960	680	595
Benzo(b)fluoranthene	UG/KG	NS	1000	3,930	4,100	2,080	768	696
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,530	2,280	1,200	401	384
Benzo(k)fluoranthene	UG/KG	NS	1000	2,770	2,510	1,490	455	417

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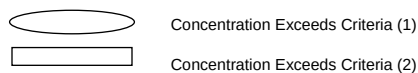
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M
Sample ID				5840-FP-S-M-0-2	5840-FP-S-M-0-6	5840-FP-S-M-6-12	5840-FP-S-M-12-24	DUP-2-5840
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	161 J	361 J	347	162 J	201 J
Butylbenzylphthalate	UG/KG	-	-	83.0 J	94.8 J	75.2 J	330 UJ	320 UJ
Carbazole	UG/KG	-	-	387	450	315	211	115 J
Chrysene	UG/KG	NS	1000	3,420	3,440	2,040	721	625
Dibenz(a,h)anthracene	UG/KG	NS	330	811	732	404	141	137
Dibenzofuran	UG/KG	NS	14000	75.7 J	93.8 J	88.5 J	123 J	35.1 J
Dimethylphthalate	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
Di-n-butylphthalate	UG/KG	-	-	43.6 J	40.9 J	31.4 J	330 U	15.2 J
Di-n-octylphthalate	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
Fluoranthene	UG/KG	NS	100000	7,830	7,290	5,040	1,880	1,350
Fluorene	UG/KG	30000	100000	135 J	178	168	159	59.3 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,190	2,070	1,120	370	346
Isophorone	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
Naphthalene	UG/KG	NS	100000	41.1 J	47.4 J	53.9 J	66.7 J	21.8 J
Nitrobenzene	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	400 U	370 U	320 U	330 U	320 U
Phenanthrene	UG/KG	NS	100000	2,270	2,720	2,110	1,560 J	711 J
Phenol	UG/KG	30000	100000	400 U	370 U	320 U	330 U	320 U
Pyrene	UG/KG	NS	100000	5,310	5,480	3,520	1,390	1,130

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

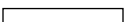
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M	5840-FP-S-M
Sample ID				5840-FP-S-M-0-2	5840-FP-S-M-0-6	5840-FP-S-M-6-12	5840-FP-S-M-12-24	DUP-2-5840
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	51 U	50 U	42 U	45 U	43 U
Aroclor 1254	UG/KG	-	-	174	324	563	152	112
Aroclor 1260	UG/KG	-	-	329 J	809 J	1,410 DJ	391 J	352
Total Polychlorinated Biphenyls	UG/KG	1000	1000	503	1,133	1,973	543	464
Metals								
Arsenic	MG/KG	13	16	6.3	6.9	8.2	8.0	7.1
Barium	MG/KG	433	350	66.8	70.2	72.9	78.1	77.7
Cadmium	MG/KG	4	2.5	0.91	1.1	1.6	0.85	0.97
Chromium	MG/KG	41	36	28.2	32.0	50.9	28.0	33.3
Lead	MG/KG	63	400	48.8	65.0	126	52.1	70.6
Mercury	MG/KG	0.18	0.81	0.098	0.16	0.21	0.18	0.11
Selenium	MG/KG	3.9	36	0.81 J	0.82 J	0.85 J	0.92 J	0.70 J
Silver	MG/KG	2	36	0.6 U	0.57 U	0.18 J	0.096 J	0.14 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.

 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5960-OF-004	5960-OF-004	5960-OF-004	5960-OF-004	5960-OFB-004
Sample ID				5960-OF-004-0-2	5960-OF-004-0-6	5960-OF-004-6-12	5960-OF-004-12-24	5960-OFB-004-24-26
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	2.0-2.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	4.9 U	3.8 U	3.5 U	1.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	4.9 U	3.8 U	3.5 UJ	1.1 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	4.9 U	3.8 U	3.5 U	1.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	4.9 U	3.8 U	3.5 U	1.1 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	4.9 U	3.8 U	3.5 U	1.1 U
2-Hexanone	UG/KG	-	-	NA	24 U	19 U	17 U	5.7 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	12 U	9.5 U	8.7 U	2.8 U
Acetone	UG/KG	2200	100000	NA	R	R	R	45.9 J
Benzene	UG/KG	70000	2900	NA	1.2 U	0.95 U	0.87 U	0.28 U
Bromomethane	UG/KG	-	-	NA	4.9 U	3.8 U	3.5 U	1.1 U
Carbon disulfide	UG/KG	-	-	NA	12 U	9.5 U	8.7 U	2.8 U
Chloroform	UG/KG	12000	10000	NA	1.7 J	1.3 J	0.91 J	1.1 U
Chloromethane	UG/KG	-	-	NA	12 U	9.5 U	8.7 U	2.8 U
Ethylbenzene	UG/KG	NS	30000	NA	4.9 U	3.8 U	3.5 U	1.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	R	R	3.0 J
Methylene chloride	UG/KG	12000	51000	NA	4.9 U	3.8 U	3.5 U	1.1 U
Tetrachloroethene	UG/KG	2000	5500	NA	4.9 U	3.8 U	3.5 U	1.1 U
Toluene	UG/KG	36000	100000	NA	12 U	9.5 U	8.7 U	2.8 U
Trichloroethene	UG/KG	2000	10000	NA	2.3 J	4.7	5.2	0.65 J
Vinyl chloride	UG/KG	NS	210	NA	4.9 U	3.8 U	3.5 U	1.1 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

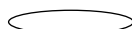
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5960-OF-004	5960-OF-004	5960-OF-004	5960-OF-004	5960-OFB-004
Sample ID				5960-OF-004-0-2	5960-OF-004-0-6	5960-OF-004-6-12	5960-OF-004-12-24	5960-OFB-004-24-26
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	2.0-2.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	4.9 U	3.8 U	3.5 U	1.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
1,2-Dichlorobenzene	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
1,3-Dichlorobenzene	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
1,4-Dichlorobenzene	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
2,4-Dimethylphenol	UG/KG	-	-	1,300 UJ	NA	230,000 U	210,000 U	540 U
2-Methylnaphthalene	UG/KG	-	-	250 UJ	NA	46,000 U	41,000 U	110 U
2-Nitroaniline	UG/KG	-	-	1,300 UJ	NA	230,000 U	210,000 U	540 U
3&4-Methylphenol	UG/KG	NS	34000	1,300 UJ	NA	230,000 U	210,000 U	540 U
4-Bromophenyl-phenylether	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
4-Chloroaniline	UG/KG	-	-	1,300 UJ	NA	230,000 U	210,000 U	540 U
Acenaphthene	UG/KG	20000	100000	74.0 J	NA	46,000 U	41,000 U	110 U
Acenaphthylene	UG/KG	NS	100000	250 UJ	NA	46,000 U	41,000 U	110 U
Anthracene	UG/KG	NS	100000	169 J	NA	46,000 U	41,000 U	110 U
Benzo(a)anthracene	UG/KG	NS	1000	1,060 J	NA	5,560 J	5,400 J	34.1 J
Benzo(a)pyrene	UG/KG	2600	1000	1,430 J	NA	46,000 U	4,650 J	34.2 J
Benzo(b)fluoranthene	UG/KG	NS	1000	2,120 J	NA	46,000 U	5,350 J	40.2 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,100 J	NA	46,000 U	41,000 U	23.9 J
Benzo(k)fluoranthene	UG/KG	NS	1000	1,020 J	NA	46,000 U	41,000 U	30.4 J

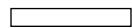
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO'

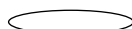
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5960-OF-004	5960-OF-004	5960-OF-004	5960-OF-004	5960-OFB-004
Sample ID				5960-OF-004-0-2	5960-OF-004-0-6	5960-OF-004-6-12	5960-OF-004-12-24	5960-OFB-004-24-26
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	2.0-2.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	364 J	NA	41,700 J	100,000 U	30.5 J
Butylbenzylphthalate	UG/KG	-	-	630 UJ	NA	120,000 UJ	100,000 UJ	270 UJ
Carbazole	UG/KG	-	-	230 J	NA	46,000 U	41,000 U	110 U
Chrysene	UG/KG	NS	1000	1,640 J	NA	5,000 J	4,260 J	39.9 J
Dibenz(a,h)anthracene	UG/KG	NS	330	310 J	NA	46,000 U	41,000 U	110 U
Dibenzofuran	UG/KG	NS	14000	45.1 J	NA	46,000 U	41,000 U	110 U
Dimethylphthalate	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
Di-n-butylphthalate	UG/KG	-	-	40.8 J	NA	120,000 U	100,000 U	270 U
Di-n-octylphthalate	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
Fluoranthene	UG/KG	NS	100000	2,890 J	NA	10,500 J	9,300 J	74.9 J
Fluorene	UG/KG	30000	100000	73.8 J	NA	46,000 U	41,000 U	110 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	914 J	NA	46,000 U	41,000 U	110 U
Isophorone	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
Naphthalene	UG/KG	NS	100000	34.7 J	NA	46,000 U	41,000 U	110 U
Nitrobenzene	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	630 UJ	NA	120,000 U	100,000 U	270 U
Phenanthrene	UG/KG	NS	100000	1,150 J	NA	6,890 J	5,190 J	38.6 J
Phenol	UG/KG	30000	100000	630 UJ	NA	120,000 U	100,000 U	270 U
Pyrene	UG/KG	NS	100000	2,730 J	NA	7,190 J	6,900 J	66.4 J

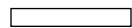
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				5960-OF-004	5960-OF-004	5960-OF-004	5960-OF-004	5960-OFB-004
Sample ID				5960-OF-004-0-2	5960-OF-004-0-6	5960-OF-004-6-12	5960-OF-004-12-24	5960-OFB-004-24-26
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	2.0-2.2
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	81 UJ	NA	61 U	55 U	35 U
Aroclor 1254	UG/KG	-	-	83.2 J	NA	1,020 J	546	35 U
Aroclor 1260	UG/KG	-	-	141 J	NA	1,700 DJ	741 J	21.9 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	224.2	NA	2,720	1,287	21.9
Metals								
Arsenic	MG/KG	13	16	5.5 J	NA	17.8	22.1	7.1
Barium	MG/KG	433	350	103 J	NA	112	109	71.9
Cadmium	MG/KG	4	2.5	4.0 J	NA	2.9	1.8	0.49
Chromium	MG/KG	41	36	22.7 J	NA	48.4	45.3	11.5
Lead	MG/KG	63	400	65.0 J	NA	485	229	23.7
Mercury	MG/KG	0.18	0.81	0.13 J	NA	0.26	0.22	0.043
Selenium	MG/KG	3.9	36	1.2 J	NA	2.0	1.6	1.0
Silver	MG/KG	2	36	0.23 J	NA	0.65 J	0.41 J	0.43 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-C	6000-SB-N	6000-SB-N	6000-SB-N	6000-SB-S
Sample ID				6000-C-0.5-1.0	6000-SB-N-0-6	6000-SB-N-6-12	6000-SB-N-12-24	6000-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	3.2 U	3.4 U	3.3 U	2.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	3.2 U	3.4 U	3.3 U	2.2 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	3.2 U	3.4 U	3.3 U	2.2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	1.5 J	1.6 J	0.94 J	0.90 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	3.2 U	3.4 U	3.3 U	2.2 U
2-Hexanone	UG/KG	-	-	NA	16 U	17 U	17 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	7.9 U	8.5 U	8.4 UJ	5.5 U
Acetone	UG/KG	2200	100000	NA	151	60.6	36.5 J	44.1 J
Benzene	UG/KG	70000	2900	NA	0.66 J	0.85 U	0.84 UJ	0.58 J
Bromomethane	UG/KG	-	-	NA	3.2 U	3.4 U	3.3 U	2.2 U
Carbon disulfide	UG/KG	-	-	NA	5.2 J	2.9 J	1.9 J	2.4 J
Chloroform	UG/KG	12000	10000	NA	3.2 U	3.4 U	3.3 U	2.2 U
Chloromethane	UG/KG	-	-	NA	7.9 U	8.5 U	8.4 U	5.5 U
Ethylbenzene	UG/KG	NS	30000	NA	3.2 U	3.4 U	3.3 U	2.2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	19.0 J	6.4 J	R	4.9 J
Methylene chloride	UG/KG	12000	51000	NA	3.2 U	3.4 U	3.3 U	2.2 U
Tetrachloroethene	UG/KG	2000	5500	NA	3.2 U	3.4 U	3.3 U	2.2 U
Toluene	UG/KG	36000	100000	NA	7.9 U	8.5 U	8.4 UJ	5.5 U
Trichloroethene	UG/KG	2000	10000	NA	2.3 J	3.3 J	3.4 J	1.5 J
Vinyl chloride	UG/KG	NS	210	NA	3.2 U	3.4 U	3.3 U	2.2 U

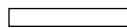
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-C	6000-SB-N	6000-SB-N	6000-SB-N	6000-SB-S
Sample ID				6000-C-0.5-1.0	6000-SB-N-0-6	6000-SB-N-6-12	6000-SB-N-12-24	6000-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	3.2 U	3.4 U	3.3 U	2.2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
2,4-Dimethylphenol	UG/KG	-	-	NA	790 U	820 U	800 U	660 U
2-Methylnaphthalene	UG/KG	-	-	NA	47.2 J	82.9 J	72.4 J	130 U
2-Nitroaniline	UG/KG	-	-	NA	790 U	820 U	800 U	660 U
3&4-Methylphenol	UG/KG	NS	34000	NA	790 U	820 U	800 U	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
4-Chloroaniline	UG/KG	-	-	NA	790 U	820 U	800 U	660 U
Acenaphthene	UG/KG	20000	100000	NA	326	427	365	18.7 J
Acenaphthylene	UG/KG	NS	100000	NA	48.7 J	69.3 J	45.5 J	33.7 J
Anthracene	UG/KG	NS	100000	NA	549	710	657	70.8 J
Benzo(a)anthracene	UG/KG	NS	1000	NA	3,800	3,960	2,990	406
Benzo(a)pyrene	UG/KG	2600	1000	NA	4,290	4,140	3,140	459
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	5,170	5,000	3,110	457
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	4,250 J	4,070 J	2,950 J	302 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	3,960	4,000	2,800	363

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

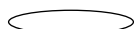
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-C	6000-SB-N	6000-SB-N	6000-SB-N	6000-SB-S
Sample ID				6000-C-0.5-1.0	6000-SB-N-0-6	6000-SB-N-6-12	6000-SB-N-12-24	6000-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	390 UJ	410 UJ	400 UJ	330 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	447	441	485	198 J
Butylbenzylphthalate	UG/KG	-	-	NA	132 J	142 J	400 U	330 U
Carbazole	UG/KG	-	-	NA	506	711	517	29.3 J
Chrysene	UG/KG	NS	1000	NA	4,700	4,790	3,490	393
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	406	418	365	181
Dibenzofuran	UG/KG	NS	14000	NA	128 J	193	165	130 U
Dimethylphthalate	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
Di-n-butylphthalate	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
Di-n-octylphthalate	UG/KG	-	-	NA	390 UJ	410 UJ	400 UJ	330 UJ
Fluoranthene	UG/KG	NS	100000	NA	7,950	8,430	6,450	735
Fluorene	UG/KG	30000	100000	NA	254	374	318	16.7 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	4,240	4,120	3,020	501
Isophorone	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
Naphthalene	UG/KG	NS	100000	NA	75.5 J	139 J	112 J	130 U
Nitrobenzene	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	390 U	410 U	400 U	330 U
Phenanthrene	UG/KG	NS	100000	NA	3,210	4,350	3,320	279
Phenol	UG/KG	30000	100000	NA	390 UJ	410 UJ	400 UJ	330 U
Pyrene	UG/KG	NS	100000	NA	6,530	7,450	5,440	650

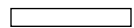
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-C	6000-SB-N	6000-SB-N	6000-SB-N	6000-SB-S
Sample ID				6000-C-0.5-1.0	6000-SB-N-0-6	6000-SB-N-6-12	6000-SB-N-12-24	6000-SB-S-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	40 U	53 U	53 U	54 U	43 U
Aroclor 1254	UG/KG	-	-	40 U	297 J	561	1,070 D	204
Aroclor 1260	UG/KG	-	-	40 U	424	813	1,260 D	175
Total Polychlorinated Biphenyls	UG/KG	1000	1000	40 U	721	1,374	2,330	379
Metals								
Arsenic	MG/KG	13	16	NA	5.8	6.7	7.3	12.3
Barium	MG/KG	433	350	NA	78.3	86.6	91.1	97.7
Cadmium	MG/KG	4	2.5	NA	1.4	1.7	2.4	0.27 J
Chromium	MG/KG	41	36	NA	37.4	59.5	75.1	21.7
Lead	MG/KG	63	400	NA	83.5	118	151	16.6
Mercury	MG/KG	0.18	0.81	NA	0.16	0.19	0.35	0.081
Selenium	MG/KG	3.9	36	NA	1.2 U	1.3 U	1.3 U	0.99 U
Silver	MG/KG	2	36	NA	1.6	1.5	1.2	0.17 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-SB-S	6000-SB-S	6000-SB-S	6060-FP-N-INF	6060-FP-N-INF
Sample ID				6000-SB-S-6-12	6000-SB-S-12-24	DUP-14	6060-FP-N-INF-0-2	6060-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
1,1-Dichloroethene	UG/KG	NS	100000	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.9 U	0.77 J	0.41 J	NA	2.8 UJ
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
2-Hexanone	UG/KG	-	-	9.3 U	10 U	10 U	NA	14 UJ
4-Methyl-2-pentanone	UG/KG	-	-	4.6 U	5.0 U	5.1 U	NA	7.0 UJ
Acetone	UG/KG	2200	100000	11.4 J	59.9 J	39.5 J	NA	207 J
Benzene	UG/KG	70000	2900	0.46 U	0.58 J	0.72 J	NA	0.62 J
Bromomethane	UG/KG	-	-	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
Carbon disulfide	UG/KG	-	-	1.2 J	4.2 J	1.8 J	NA	5.4 J
Chloroform	UG/KG	12000	10000	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
Chloromethane	UG/KG	-	-	4.6 U	5.0 U	5.1 U	NA	7.0 UJ
Ethylbenzene	UG/KG	NS	30000	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	6.1 J	6.1 J	NA	12.5 J
Methylene chloride	UG/KG	12000	51000	1.9 U	0.49 J	0.57 J	NA	0.88 J
Tetrachloroethene	UG/KG	2000	5500	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
Toluene	UG/KG	36000	100000	4.6 U	5.0 U	5.1 U	NA	7.0 UJ
Trichloroethene	UG/KG	2000	10000	1.2 J	1.2 J	0.97 J	NA	1.2 J
Vinyl chloride	UG/KG	NS	210	1.9 U	2.0 U	2.0 U	NA	2.8 UJ

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-SB-S	6000-SB-S	6000-SB-S	6060-FP-N-INF	6060-FP-N-INF
Sample ID				6000-SB-S-6-12	6000-SB-S-12-24	DUP-14	6060-FP-N-INF-0-2	6060-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.9 U	2.0 U	2.0 U	NA	2.8 UJ
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
2,4-Dimethylphenol	UG/KG	-	-	630 U	640 U	630 U	740 U	NA
2-Methylnaphthalene	UG/KG	-	-	130	56.2 J	130 U	45.6 J	NA
2-Nitroaniline	UG/KG	-	-	630 U	640 U	630 U	740 U	NA
3&4-Methylphenol	UG/KG	NS	34000	630 U	640 U	630 U	740 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
4-Chloroaniline	UG/KG	-	-	630 U	640 U	630 U	740 U	NA
Acenaphthene	UG/KG	20000	100000	438	314	130 U	194	NA
Acenaphthylene	UG/KG	NS	100000	816	94.5 J	21.8 J	68.8 J	NA
Anthracene	UG/KG	NS	100000	1,510	890 J	20.9 J	441	NA
Benzo(a)anthracene	UG/KG	NS	1000	4,870	1,990 J	111 J	3,340	NA
Benzo(a)pyrene	UG/KG	2600	1000	3,740	1,670	130 U	3,870	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	2,930	1,620	130 U	4,550	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,610 J	1,310 J	130 UJ	4,460 J	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	2,600	1,550	130 U	3,090	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-SB-S	6000-SB-S	6000-SB-S	6060-FP-N-INF	6060-FP-N-INF
Sample ID				6000-SB-S-6-12	6000-SB-S-12-24	DUP-14	6060-FP-N-INF-0-2	6060-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 UJ	320 UJ	310 UJ	370 UJ	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	813 J	240 J	310 U	466	NA
Butylbenzylphthalate	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
Carbazole	UG/KG	-	-	253	238 J	15.8 J	521	NA
Chrysene	UG/KG	NS	1000	4,800	1,880 J	125 J	4,510	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	882	486	130 U	1,260	NA
Dibenzofuran	UG/KG	NS	14000	211	184	130 U	99.3 J	NA
Dimethylphthalate	UG/KG	-	-	310 U	320 U	310 U	47.4 J	NA
Di-n-butylphthalate	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
Di-n-octylphthalate	UG/KG	-	-	310 UJ	320 UJ	310 UJ	370 UJ	NA
Fluoranthene	UG/KG	NS	100000	9,850	4,340 J	232 J	7,750	NA
Fluorene	UG/KG	30000	100000	676	435	130 U	182	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,340	1,380	130 U	4,210	NA
Isophorone	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
Naphthalene	UG/KG	NS	100000	244	50.2 J	130 U	62.5 J	NA
Nitrobenzene	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	320 U	310 U	370 U	NA
Phenanthrene	UG/KG	NS	100000	6,050	2,960 J	92.8 J	2,860	NA
Phenol	UG/KG	30000	100000	310 UJ	320 UJ	310 UJ	370 UJ	NA
Pyrene	UG/KG	NS	100000	11,300	3,630 J	202 J	7,310	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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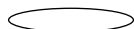
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6000-SB-S	6000-SB-S	6000-SB-S	6060-FP-N-INF	6060-FP-N-INF
Sample ID				6000-SB-S-6-12	6000-SB-S-12-24	DUP-14	6060-FP-N-INF-0-2	6060-FP-N-INF-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)			Field Duplicate (1-1)		
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	42 U	41 U	49 U	NA
Aroclor 1254	UG/KG	-	-	60.0	149	41 U	203	NA
Aroclor 1260	UG/KG	-	-	51.3	182 J	27.6 J	549	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	111.3	331	27.6	752	NA
Metals								
Arsenic	MG/KG	13	16	8.3	8.4	13.6	5.3	NA
Barium	MG/KG	433	350	92.9	76.0	77.1	78.6	NA
Cadmium	MG/KG	4	2.5	0.42	0.23 J	0.20 J	1.1	NA
Chromium	MG/KG	41	36	27.9	14.6	15.0	30.9	NA
Lead	MG/KG	63	400	30.6	13.9	13.9	54.4	NA
Mercury	MG/KG	0.18	0.81	0.058	0.044	0.039	0.080	NA
Selenium	MG/KG	3.9	36	0.94 U	0.94 U	0.93 U	1.1 U	NA
Silver	MG/KG	2	36	0.55	0.35 J	0.32 J	0.71	NA

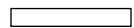
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6060-FP-N-INF	6060-FP-N-INF	6240-OF-005	6240-OF-005	6240-OF-005
Sample ID				6060-FP-N-INF-6-12	6060-FP-N-INF-12-24	6240-OF-005-0-2	6240-OF-005-0-6	6240-OF-005-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.6 U	3.0 U	NA	R	0.96 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.6 U	3.0 U	NA	R	0.96 U
1,1-Dichloroethene	UG/KG	NS	100000	2.6 U	3.0 U	NA	R	0.96 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.6 U	2.2 J	NA	R	0.63 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.6 U	3.0 U	NA	R	0.96 U
2-Hexanone	UG/KG	-	-	13 UJ	15 UJ	NA	R	4.8 U
4-Methyl-2-pentanone	UG/KG	-	-	6.4 UJ	7.6 U	NA	R	2.4 U
Acetone	UG/KG	2200	100000	180 J	71.4 J	NA	R	R
Benzene	UG/KG	70000	2900	0.64 UJ	0.76 U	NA	R	0.24 U
Bromomethane	UG/KG	-	-	2.6 U	3.0 U	NA	R	0.96 U
Carbon disulfide	UG/KG	-	-	5.0 J	2.5 J	NA	R	2.4 U
Chloroform	UG/KG	12000	10000	2.6 U	3.0 U	NA	R	0.96 U
Chloromethane	UG/KG	-	-	6.4 U	7.6 U	NA	R	2.4 U
Ethylbenzene	UG/KG	NS	30000	2.6 U	3.0 U	NA	R	0.96 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	9.8 J	R	NA	R	R
Methylene chloride	UG/KG	12000	51000	0.96 J	1.2 J	NA	15.3 J	0.96 U
Tetrachloroethene	UG/KG	2000	5500	2.6 U	3.0 U	NA	R	0.96 U
Toluene	UG/KG	36000	100000	6.4 UJ	7.6 U	NA	R	2.4 U
Trichloroethene	UG/KG	2000	10000	0.90 J	10.9 J	NA	9.8 J	4.3
Vinyl chloride	UG/KG	NS	210	2.6 U	3.0 U	NA	R	0.96 U

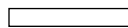
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6060-FP-N-INF	6060-FP-N-INF	6240-OF-005	6240-OF-005	6240-OF-005
Sample ID				6060-FP-N-INF-6-12	6060-FP-N-INF-12-24	6240-OF-005-0-2	6240-OF-005-0-6	6240-OF-005-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.6 U	3.0 U	NA	R	0.96 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
1,2-Dichlorobenzene	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
1,3-Dichlorobenzene	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
1,4-Dichlorobenzene	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
2,4-Dimethylphenol	UG/KG	-	-	700 U	720 U	620 U	NA	660 U
2-Methylnaphthalene	UG/KG	-	-	62.4 J	85.3 J	120 U	NA	130 U
2-Nitroaniline	UG/KG	-	-	700 U	720 U	620 U	NA	660 U
3&4-Methylphenol	UG/KG	NS	34000	700 U	720 U	620 U	NA	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
4-Chloroaniline	UG/KG	-	-	700 U	720 U	620 U	NA	660 U
Acenaphthene	UG/KG	20000	100000	270	337	43.3 J	NA	25.0 J
Acenaphthylene	UG/KG	NS	100000	66.2 J	85.0 J	120 U	NA	130 U
Anthracene	UG/KG	NS	100000	431	625	99.7 J	NA	39.6 J
Benzo(a)anthracene	UG/KG	NS	1000	3,090	2,730	667	NA	109 J
Benzo(a)pyrene	UG/KG	2600	1000	3,480	1,950	819	NA	205
Benzo(b)fluoranthene	UG/KG	NS	1000	3,930	2,720	990	NA	208
Benzo(g,h,i)perylene	UG/KG	NS	100000	3,560 J	140 UJ	665	NA	58.9 J
Benzo(k)fluoranthene	UG/KG	NS	1000	3,110	140 U	790	NA	84.9 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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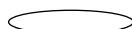
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6060-FP-N-INF	6060-FP-N-INF	6240-OF-005	6240-OF-005	6240-OF-005
Sample ID				6060-FP-N-INF-6-12	6060-FP-N-INF-12-24	6240-OF-005-0-2	6240-OF-005-0-6	6240-OF-005-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	350 UJ	360 UJ	310 U	NA	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	467	940	680	NA	330 U
Butylbenzylphthalate	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
Carbazole	UG/KG	-	-	561	590	121	NA	28.8 J
Chrysene	UG/KG	NS	1000	4,180	3,010	916	NA	109 J
Dibenz(a,h)anthracene	UG/KG	NS	330	1,020	212	255	NA	130 U
Dibenzofuran	UG/KG	NS	14000	133 J	173	20.3 J	NA	13.9 J
Dimethylphthalate	UG/KG	-	-	28.0 J	360 U	310 U	NA	330 U
Di-n-butylphthalate	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
Di-n-octylphthalate	UG/KG	-	-	350 UJ	360 UJ	310 UJ	NA	330 UJ
Fluoranthene	UG/KG	NS	100000	7,470	6,340	1,600	NA	236
Fluorene	UG/KG	30000	100000	220	287	37.6 J	NA	19.4 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	3,350	295	755	NA	283
Isophorone	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
Naphthalene	UG/KG	NS	100000	76.1 J	118 J	120 U	NA	130 U
Nitrobenzene	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	350 U	360 U	310 U	NA	330 U
Phenanthrene	UG/KG	NS	100000	3,090	3,520	662	NA	196
Phenol	UG/KG	30000	100000	350 UJ	360 UJ	310 UJ	NA	330 UJ
Pyrene	UG/KG	NS	100000	7,040	6,240	1,560	NA	236

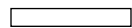
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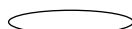
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6060-FP-N-INF	6060-FP-N-INF	6240-OF-005	6240-OF-005	6240-OF-005
Sample ID				6060-FP-N-INF-6-12	6060-FP-N-INF-12-24	6240-OF-005-0-2	6240-OF-005-0-6	6240-OF-005-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	47 U	49 U	42 U	NA	45 U
Aroclor 1254	UG/KG	-	-	244	2,770 D	748	NA	77.8
Aroclor 1260	UG/KG	-	-	720	2,490 DJ	481 J	NA	33.1 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	964	5,260	1,229	NA	110.9
Metals								
Arsenic	MG/KG	13	16	6.1	8.1	4.9	NA	5.5
Barium	MG/KG	433	350	88.6	152	53.5	NA	20.7
Cadmium	MG/KG	4	2.5	1.5	2.4	0.46	NA	0.38 U
Chromium	MG/KG	41	36	35.8	131 J	32.6	NA	7.4
Lead	MG/KG	63	400	80.1	251	48.5	NA	5.5
Mercury	MG/KG	0.18	0.81	0.15	0.58	0.095	NA	0.0073 J
Selenium	MG/KG	3.9	36	1.0 U	1.1 U	0.96 U	NA	0.95 U
Silver	MG/KG	2	36	0.59	0.64	0.48 U	NA	0.10 J

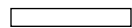
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6240-OF-005	6240-OFB-005	6275-FP-S-H	6275-FP-S-H	6275-FP-S-H
Sample ID				6240-OF-005-12-24	6240-OFB-005-16-18	6275-FP-S-H-0-2	6275-FP-S-H-0-6	6275-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.3-1.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	R	1.3 U	NA	2.4 U	2.6 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	R	1.3 UJ	NA	2.4 U	2.6 U
1,1-Dichloroethene	UG/KG	NS	100000	R	1.3 U	NA	2.4 U	2.6 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	0.64 J	1.6	NA	2.4 U	2.6 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	R	1.3 U	NA	2.4 U	2.6 U
2-Hexanone	UG/KG	-	-	R	6.3 U	NA	12 U	13 U
4-Methyl-2-pentanone	UG/KG	-	-	R	3.2 U	NA	6 U	6.4 U
Acetone	UG/KG	2200	100000	R	85.2 J	NA	R	R
Benzene	UG/KG	70000	2900	R	0.39	NA	0.6 U	0.64 U
Bromomethane	UG/KG	-	-	R	1.3 U	NA	2.4 U	2.6 U
Carbon disulfide	UG/KG	-	-	R	1.8 J	NA	6 U	6.4 U
Chloroform	UG/KG	12000	10000	R	1.3 U	NA	0.63 J	0.85 J
Chloromethane	UG/KG	-	-	R	3.2 U	NA	6 U	6.4 U
Ethylbenzene	UG/KG	NS	30000	R	1.3 U	NA	2.4 U	2.6 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	12.1 J	NA	R	R
Methylene chloride	UG/KG	12000	51000	9.7 J	1.3 U	NA	2.4 U	2.6 U
Tetrachloroethene	UG/KG	2000	5500	R	1.6	NA	2.4 U	2.6 U
Toluene	UG/KG	36000	100000	R	0.32 J	NA	6 U	6.4 U
Trichloroethene	UG/KG	2000	10000	2.8 J	17.7	NA	1.6 J	1.3 J
Vinyl chloride	UG/KG	NS	210	R	1.3 U	NA	2.4 U	2.6 U

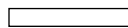
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6240-OF-005	6240-OFB-005	6275-FP-S-H	6275-FP-S-H	6275-FP-S-H
Sample ID				6240-OF-005-12-24	6240-OFB-005-16-18	6275-FP-S-H-0-2	6275-FP-S-H-0-6	6275-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.3-1.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	R	1.3 U	NA	2.4 U	2.6 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
2,4-Dimethylphenol	UG/KG	-	-	640 U	640 U	670 U	NA	640 U
2-Methylnaphthalene	UG/KG	-	-	130 U	130 U	130 U	NA	130 U
2-Nitroaniline	UG/KG	-	-	640 U	640 U	670 U	NA	640 U
3&4-Methylphenol	UG/KG	NS	34000	640 U	640 U	670 U	NA	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
4-Chloroaniline	UG/KG	-	-	640 U	640 U	670 U	NA	640 U
Acenaphthene	UG/KG	20000	100000	130 U	130 U	130 U	NA	40.8 J
Acenaphthylene	UG/KG	NS	100000	130 U	130 U	130 U	NA	130 U
Anthracene	UG/KG	NS	100000	130 U	29.2 J	52.2 J	NA	121 J
Benzo(a)anthracene	UG/KG	NS	1000	130 U	120 J	215	NA	531
Benzo(a)pyrene	UG/KG	2600	1000	124 J	245	219	NA	589
Benzo(b)fluoranthene	UG/KG	NS	1000	130 U	270	244	NA	635
Benzo(g,h,i)perylene	UG/KG	NS	100000	130 U	233	155	NA	444
Benzo(k)fluoranthene	UG/KG	NS	1000	130 U	133	192	NA	551

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6240-OF-005	6240-OFB-005	6275-FP-S-H	6275-FP-S-H	6275-FP-S-H
Sample ID				6240-OF-005-12-24	6240-OFB-005-16-18	6275-FP-S-H-0-2	6275-FP-S-H-0-6	6275-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.3-1.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	155 J	317 J	30.6 J	NA	136 J
Butylbenzylphthalate	UG/KG	-	-	320 U	320 U	41.2 J	NA	320 UJ
Carbazole	UG/KG	-	-	130 U	26.0 J	39.8 J	NA	72.6 J
Chrysene	UG/KG	NS	1000	16.5 J	181	250	NA	602
Dibenz(a,h)anthracene	UG/KG	NS	330	130 U	130 U	130 U	NA	135
Dibenzofuran	UG/KG	NS	14000	130 U	130 U	130 U	NA	26.3 J
Dimethylphthalate	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
Di-n-butylphthalate	UG/KG	-	-	320 U	320 U	27.9 J	NA	67.3 J
Di-n-octylphthalate	UG/KG	-	-	320 UJ	320 UJ	340 U	NA	51.0 J
Fluoranthene	UG/KG	NS	100000	28.9 J	294	516	NA	1,160
Fluorene	UG/KG	30000	100000	130 U	130 U	22.6 J	NA	54.7 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	238	381	141	NA	396
Isophorone	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
Naphthalene	UG/KG	NS	100000	130 U	130 U	130 U	NA	130 U
Nitrobenzene	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	320 U	340 U	NA	320 U
Phenanthrene	UG/KG	NS	100000	130 U	138	291	NA	536
Phenol	UG/KG	30000	100000	320 UJ	320 UJ	340 U	NA	320 U
Pyrene	UG/KG	NS	100000	26.4 J	283	399	NA	864

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6240-OF-005	6240-OFB-005	6275-FP-S-H	6275-FP-S-H	6275-FP-S-H
Sample ID				6240-OF-005-12-24	6240-OFB-005-16-18	6275-FP-S-H-0-2	6275-FP-S-H-0-6	6275-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.3-1.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	41 U	44 U	NA	42 U
Aroclor 1254	UG/KG	-	-	72.7	10,700 D	33.2 J	NA	138
Aroclor 1260	UG/KG	-	-	45.6	2,700 DJ	59.1	NA	218
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,183	13,400	92.3	NA	356
Metals								
Arsenic	MG/KG	13	16	7.8	12.3	5.8	NA	5.9
Barium	MG/KG	433	350	24.8	74.2	84.8	NA	67.1
Cadmium	MG/KG	4	2.5	0.39 U	0.90	0.72	NA	1.2
Chromium	MG/KG	41	36	9.1	40.6	22.3	NA	26.4
Lead	MG/KG	63	400	7.1	107	26.4	NA	43.5
Mercury	MG/KG	0.18	0.81	0.014 J	0.075	0.068	NA	0.086
Selenium	MG/KG	3.9	36	0.96 U	0.95 U	0.60 J	NA	0.69 J
Silver	MG/KG	2	36	0.48 U	0.48 U	0.53 U	NA	0.52 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-H	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L
Sample ID				6275-FP-S-H-12-24	6275-FP-S-L-0-2	6275-FP-S-L-0-6	6275-FP-S-L-6-12	6275-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 UJ
1,1-Dichloroethene	UG/KG	NS	100000	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.7 UJ	NA	2.6 U	2.3 UJ	1.5
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 U
2-Hexanone	UG/KG	-	-	13 UJ	NA	13 U	11 UJ	7.2 UJ
4-Methyl-2-pentanone	UG/KG	-	-	6.7 UJ	NA	6.6 U	5.6 UJ	3.6 U
Acetone	UG/KG	2200	100000	R	NA	R	R	105 J
Benzene	UG/KG	70000	2900	0.67 UJ	NA	0.66 U	0.56 UJ	0.30 J
Bromomethane	UG/KG	-	-	2.7 UJ	NA	2.6 UJ	2.3 UJ	1.4 U
Carbon disulfide	UG/KG	-	-	6.7 UJ	NA	6.6 U	5.6 UJ	0.79 J
Chloroform	UG/KG	12000	10000	1.3 J	NA	2.6 U	0.80 J	1.4 U
Chloromethane	UG/KG	-	-	6.7 UJ	NA	6.6 U	5.6 UJ	3.6 U
Ethylbenzene	UG/KG	NS	30000	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 UJ
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	R	R	13.4 J
Methylene chloride	UG/KG	12000	51000	2.7 UJ	NA	9.1 J	2.4 UJ	1.4 U
Tetrachloroethene	UG/KG	2000	5500	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 UJ
Toluene	UG/KG	36000	100000	6.7 UJ	NA	6.6 U	5.6 UJ	3.6 U
Trichloroethene	UG/KG	2000	10000	1.0 J	NA	3.8 J	1.7 J	5.7
Vinyl chloride	UG/KG	NS	210	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 U

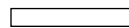
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-H	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L
Sample ID				6275-FP-S-H-12-24	6275-FP-S-L-0-2	6275-FP-S-L-0-6	6275-FP-S-L-6-12	6275-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.7 UJ	NA	2.6 U	2.3 UJ	1.4 UJ
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
2,4-Dimethylphenol	UG/KG	-	-	610 U	3,400 U	NA	3,300 U	3,400 U
2-Methylnaphthalene	UG/KG	-	-	120 U	111 J	NA	90.3 J	251 J
2-Nitroaniline	UG/KG	-	-	610 U	3,400 U	NA	3,300 U	3,400 U
3&4-Methylphenol	UG/KG	NS	34000	610 U	3,400 U	NA	3,300 U	3,400 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
4-Chloroaniline	UG/KG	-	-	610 U	3,400 U	NA	3,300 U	3,400 U
Acenaphthene	UG/KG	20000	100000	57.8 J	593 J	NA	609 J	1,270
Acenaphthylene	UG/KG	NS	100000	81.5 J	78.5 J	NA	88.2 J	116 J
Anthracene	UG/KG	NS	100000	264	1,200	NA	944	1,740
Benzo(a)anthracene	UG/KG	NS	1000	906	6,280	NA	5,280	6,830
Benzo(a)pyrene	UG/KG	2600	1000	909	6,820	NA	5,850	6,570
Benzo(b)fluoranthene	UG/KG	NS	1000	954	7,260	NA	6,260	7,220
Benzo(g,h,i)perylene	UG/KG	NS	100000	496	4,690	NA	3,940	4,230
Benzo(k)fluoranthene	UG/KG	NS	1000	634	6,400	NA	5,660	5,960

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-H	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L
Sample ID				6275-FP-S-H-12-24	6275-FP-S-L-0-2	6275-FP-S-L-0-6	6275-FP-S-L-6-12	6275-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	75.5 J	943 J	NA	1,060 J	1,270 J
Butylbenzylphthalate	UG/KG	-	-	310 UJ	1,700 U	NA	253 J	1,700 U
Carbazole	UG/KG	-	-	37.0 J	1,110	NA	960	1,570
Chrysene	UG/KG	NS	1000	835	7,540	NA	6,490	7,540
Dibenz(a,h)anthracene	UG/KG	NS	330	181	1,920	NA	1,770	1,900
Dibenzofuran	UG/KG	NS	14000	25.2 J	304 J	NA	240 J	615 J
Dimethylphthalate	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
Di-n-butylphthalate	UG/KG	-	-	310 U	78.1 J	NA	85.4 J	1,700 U
Di-n-octylphthalate	UG/KG	-	-	310 U	1,700 UJ	NA	1,600 UJ	1,700 UJ
Fluoranthene	UG/KG	NS	100000	2,120	14,500	NA	12,200	15,700
Fluorene	UG/KG	30000	100000	64.4 J	523 J	NA	469 J	988
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	482	5,190	NA	4,430	4,710
Isophorone	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
Naphthalene	UG/KG	NS	100000	16.2 J	170 J	NA	117 J	348 J
Nitrobenzene	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	1,700 U	NA	1,600 U	1,700 U
Phenanthrene	UG/KG	NS	100000	608	7,270	NA	6,070	11,000
Phenol	UG/KG	30000	100000	310 U	1,700 UJ	NA	1,600 UJ	1,700 UJ
Pyrene	UG/KG	NS	100000	1,420	12,700	NA	10,700	14,300

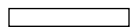
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[SITE KEY] = 4 AND [MATRIX] = 'SO

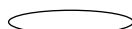
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-H	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L	6275-FP-S-L
Sample ID				6275-FP-S-H-12-24	6275-FP-S-L-0-2	6275-FP-S-L-0-6	6275-FP-S-L-6-12	6275-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	04/26/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	45 U	NA	42 U	44 U
Aroclor 1254	UG/KG	-	-	41 U	283	NA	341	455
Aroclor 1260	UG/KG	-	-	45.2	1,830 DJ	NA	1,820 DJ	2,810 DJ
Total Polychlorinated Biphenyls	UG/KG	1000	1000	45.2	2,113	NA	2,161	3,265
Metals								
Arsenic	MG/KG	13	16	6.9	6.0	NA	5.8	7.5
Barium	MG/KG	433	350	65.3	69.7	NA	73.4	86.6
Cadmium	MG/KG	4	2.5	0.54	0.95	NA	1.1	2.5
Chromium	MG/KG	41	36	22.2	29.2	NA	31.0	114
Lead	MG/KG	63	400	38.4	59.2	NA	77.3	232
Mercury	MG/KG	0.18	0.81	0.084	0.12	NA	0.13	0.67
Selenium	MG/KG	3.9	36	0.61 J	1 U	NA	1 U	1 U
Silver	MG/KG	2	36	0.5 U	0.29 J	NA	0.52	1.1

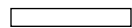
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6325-C
Sample ID				6275-FP-S-M-0-2	6275-FP-S-M-0-6	6275-FP-S-M-6-12	6275-FP-S-M-12-24	6325-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.5-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.9 U	2.5 U	2.3 U	2.5 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.9 U	2.5 U	2.3 U	2.5 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.9 U	2.5 U	2.3 U	2.5 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.9 U	2.5 U	2.3 U	0.90 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.9 U	2.5 U	2.3 U	2.5 U
2-Hexanone	UG/KG	-	-	NA	14 U	12 U	12 U	12 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	7.2 U	6.2 U	5.8 U	6.2 UJ
Acetone	UG/KG	2200	100000	NA	R	R	R	13.5
Benzene	UG/KG	70000	2900	NA	0.72 U	0.62 U	0.58 U	0.62 UJ
Bromomethane	UG/KG	-	-	NA	2.9 UJ	2.5 UJ	2.3 UJ	2.5 U
Carbon disulfide	UG/KG	-	-	NA	7.2 U	6.2 U	5.8 U	1.2 J
Chloroform	UG/KG	12000	10000	NA	2.9 U	2.5 U	2.3 U	2.5 U
Chloromethane	UG/KG	-	-	NA	7.2 U	6.2 U	5.8 U	6.2 U
Ethylbenzene	UG/KG	NS	30000	NA	2.9 U	2.5 U	2.3 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	R	R	R	R
Methylene chloride	UG/KG	12000	51000	NA	3.9 U	5.8 J	7.1 J	2.5 U
Tetrachloroethene	UG/KG	2000	5500	NA	2.9 U	2.5 U	2.3 U	2.5 U
Toluene	UG/KG	36000	100000	NA	7.2 U	6.2 U	5.8 U	6.2 UJ
Trichloroethene	UG/KG	2000	10000	NA	2.2 J	1.7 J	3.7 J	2.5 UJ
Vinyl chloride	UG/KG	NS	210	NA	2.9 U	2.5 U	2.3 U	12.3

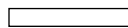
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6325-C
Sample ID				6275-FP-S-M-0-2	6275-FP-S-M-0-6	6275-FP-S-M-6-12	6275-FP-S-M-12-24	6325-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.5-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.9 U	2.5 U	2.3 U	2.5 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	710 U	NA	590 U	560 U	640 U
2-Methylnaphthalene	UG/KG	-	-	140 U	NA	120 U	110 U	130 U
2-Nitroaniline	UG/KG	-	-	710 U	NA	590 U	560 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	710 U	NA	590 U	560 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
4-Chloroaniline	UG/KG	-	-	710 U	NA	590 U	560 U	640 U
Acenaphthene	UG/KG	20000	100000	140 U	NA	120 U	110 U	130 U
Acenaphthylene	UG/KG	NS	100000	140 U	NA	120 U	110 U	130 U
Anthracene	UG/KG	NS	100000	53.6 J	NA	44.3 J	110 U	130 U
Benzo(a)anthracene	UG/KG	NS	1000	279	NA	167	38.6 J	23.6 J
Benzo(a)pyrene	UG/KG	2600	1000	324	NA	182	40.3 J	129 J
Benzo(b)fluoranthene	UG/KG	NS	1000	375	NA	230	42.2 J	136
Benzo(g,h,i)perylene	UG/KG	NS	100000	245	NA	127	28.3 J	130 UJ
Benzo(k)fluoranthene	UG/KG	NS	1000	242	NA	110 J	27.3 J	17.9 J

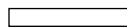
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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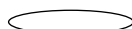
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6325-C
Sample ID				6275-FP-S-M-0-2	6275-FP-S-M-0-6	6275-FP-S-M-6-12	6275-FP-S-M-12-24	6325-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.5-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	360 U	NA	290 U	280 U	320 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	45.7 J	NA	50.3 J	20.0 J	320 U
Butylbenzylphthalate	UG/KG	-	-	360 UJ	NA	290 UJ	280 UJ	320 U
Carbazole	UG/KG	-	-	44.7 J	NA	19.2 J	110 U	130 U
Chrysene	UG/KG	NS	1000	336	NA	190	42.3 J	24.2 J
Dibenz(a,h)anthracene	UG/KG	NS	330	82.0 J	NA	39.1 J	110 U	130 U
Dibenzofuran	UG/KG	NS	14000	140 U	NA	120 U	110 U	130 U
Dimethylphthalate	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
Di-n-butylphthalate	UG/KG	-	-	26.6 J	NA	290 U	280 U	320 U
Di-n-octylphthalate	UG/KG	-	-	360 U	NA	290 U	280 U	320 UJ
Fluoranthene	UG/KG	NS	100000	651	NA	368	72.7 J	35.7 J
Fluorene	UG/KG	30000	100000	19.8 J	NA	16.0 J	110 U	130 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	211	NA	117 J	110 U	130 U
Isophorone	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
Naphthalene	UG/KG	NS	100000	140 U	NA	120 U	110 U	130 U
Nitrobenzene	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	360 U	NA	290 U	280 U	320 U
Phenanthrene	UG/KG	NS	100000	292	NA	177	24.9 J	14.7 J
Phenol	UG/KG	30000	100000	360 U	NA	290 U	280 U	320 UJ
Pyrene	UG/KG	NS	100000	498	NA	277	61.9 J	30.4 J

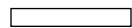
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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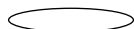
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6275-FP-S-M	6325-C
Sample ID				6275-FP-S-M-0-2	6275-FP-S-M-0-6	6275-FP-S-M-6-12	6275-FP-S-M-12-24	6325-C-1.5-2.0
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.5-2.0
Date Sampled				04/26/16	04/26/16	04/26/16	04/26/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	48 U	NA	39 U	37 U	42 U
Aroclor 1254	UG/KG	-	-	29.6 J	NA	39 U	37 U	22.7 J
Aroclor 1260	UG/KG	-	-	112	NA	68.8	19.0 J	42 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	141.6	NA	68.8	19.0	22.7
Metals								
Arsenic	MG/KG	13	16	6.2	NA	5.5	5.3	6.9
Barium	MG/KG	433	350	59.1	NA	53.6	63.5	87.7
Cadmium	MG/KG	4	2.5	0.52	NA	0.32 J	0.15 J	0.088 J
Chromium	MG/KG	41	36	17.1	NA	13.7	14.0	18.0
Lead	MG/KG	63	400	38.2	NA	22.2	10.1	10.3
Mercury	MG/KG	0.18	0.81	0.071	NA	0.050	0.035	0.028 J
Selenium	MG/KG	3.9	36	0.51 J	NA	0.33 J	0.91 U	0.88 U
Silver	MG/KG	2	36	0.54 U	NA	0.45 U	0.45 U	0.50

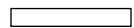
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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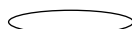
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-N	6325-SB-N	6325-SB-N	6325-SB-S	6325-SB-S
Sample ID				6325-SB-N-0-6	6325-SB-N-6-12	6325-SB-N-12-24	6325-SB-S-0-6	6325-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	59.1 J	2.6 U	2.4 U	2.6 U	2.5 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	280 U	2.6 U	2.4 U	2.6 U	2.5 U
1,1-Dichloroethene	UG/KG	NS	100000	280 U	2.6 U	2.4 U	2.6 U	2.5 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	63.2 J	13.9	2.5	3.9	2.8
1,2-Dichloroethene (trans)	UG/KG	NS	100000	280 U	1.1 J	2.4 U	2.6 U	2.5 U
2-Hexanone	UG/KG	-	-	1,400 U	13 U	12 U	13 U	12 U
4-Methyl-2-pentanone	UG/KG	-	-	710 U	6.4 U	6.1 U	6.4 U	6.2 U
Acetone	UG/KG	2200	100000	R	120	79.6	95.1	89.9
Benzene	UG/KG	70000	2900	71 U	0.67	0.78	0.60 J	0.68
Bromomethane	UG/KG	-	-	280 U	2.6 U	2.4 U	2.6 U	2.5 U
Carbon disulfide	UG/KG	-	-	710 U	16.2	5.3 J	3.8 J	3.7 J
Chloroform	UG/KG	12000	10000	280 U	2.6 U	2.4 U	2.6 U	2.5 U
Chloromethane	UG/KG	-	-	710 U	6.4 U	6.1 U	6.4 U	6.2 U
Ethylbenzene	UG/KG	NS	30000	280 U	2.6 U	2.4 U	2.6 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	18.4 J	17.1 J	17.4 J	16.3 J
Methylene chloride	UG/KG	12000	51000	280 U	2.6 U	0.61 J	2.6 U	2.5 U
Tetrachloroethene	UG/KG	2000	5500	280 U	2.6 U	2.4 U	2.6 U	2.5 U
Toluene	UG/KG	36000	100000	76.8 J	6.4 U	6.1 U	6.4 U	6.2 U
Trichloroethene	UG/KG	2000	10000	2,660	37.7	6.4	4.9	7.4 J
Vinyl chloride	UG/KG	NS	210	280 U	2.6 U	2.4 U	2.6 U	2.5 U

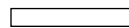
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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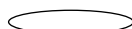
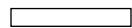
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-N	6325-SB-N	6325-SB-N	6325-SB-S	6325-SB-S
Sample ID				6325-SB-N-0-6	6325-SB-N-6-12	6325-SB-N-12-24	6325-SB-S-0-6	6325-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	280 U	2.6 U	2.4 U	2.6 U	2.5 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
1,2-Dichlorobenzene	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
1,3-Dichlorobenzene	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
1,4-Dichlorobenzene	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
2,4-Dimethylphenol	UG/KG	-	-	6,800 U	7,200 U	690 U	6,900 U	6,700 U
2-Methylnaphthalene	UG/KG	-	-	1,430	834 J	140 U	1,400 U	1,300 U
2-Nitroaniline	UG/KG	-	-	6,800 U	7,200 U	690 U	6,900 U	6,700 U
3&4-Methylphenol	UG/KG	NS	34000	6,800 U	7,200 U	690 U	6,900 U	6,700 U
4-Bromophenyl-phenylether	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
4-Chloroaniline	UG/KG	-	-	6,800 U	7,200 U	690 U	6,900 U	6,700 U
Acenaphthene	UG/KG	20000	100000	6,310	3,400	38.5 J	1,400 U	1,300 U
Acenaphthylene	UG/KG	NS	100000	269 J	274 J	140 U	1,400 U	1,300 U
Anthracene	UG/KG	NS	100000	8,870	4,990	83.1 J	1,230 J	689 J
Benzo(a)anthracene	UG/KG	NS	1000	37,800	25,400	527	4,990	2,320
Benzo(a)pyrene	UG/KG	2600	1000	32,900	24,000	656	5,680	2,910
Benzo(b)fluoranthene	UG/KG	NS	1000	32,900	24,400	715	5,500	2,660
Benzo(g,h,i)perylene	UG/KG	NS	100000	21,700	16,600	140 U	3,700	1,700
Benzo(k)fluoranthene	UG/KG	NS	1000	28,100	21,000	599	4,950	2,530

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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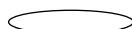
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-N	6325-SB-N	6325-SB-N	6325-SB-S	6325-SB-S
Sample ID				6325-SB-N-0-6	6325-SB-N-6-12	6325-SB-N-12-24	6325-SB-S-0-6	6325-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	3,400 U	3,600 U	340 U	873 J	3,300 U
Butylbenzylphthalate	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
Carbazole	UG/KG	-	-	9,400	5,830	117 J	1,080 J	537 J
Chrysene	UG/KG	NS	1000	42,800	30,900	817	5,960	2,630
Dibenz(a,h)anthracene	UG/KG	NS	330	7,670	4,690	140 U	1,400 U	1,300 U
Dibenzofuran	UG/KG	NS	14000	3,280	2,050	26.8 J	329 J	184 J
Dimethylphthalate	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
Di-n-butylphthalate	UG/KG	-	-	3,400 U	380 J	340 U	3,500 U	3,300 U
Di-n-octylphthalate	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
Fluoranthene	UG/KG	NS	100000	101,000	73,200	1,900	12,700	6,010
Fluorene	UG/KG	30000	100000	4,980	2,940	49.6 J	1,400 U	1,300 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	23,100	17,700	560	4,600	2,600
Isophorone	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
Naphthalene	UG/KG	NS	100000	2,110	1,350 J	140 U	1,400 U	1,300 U
Nitrobenzene	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	3,400 U	3,600 U	340 U	3,500 U	3,300 U
Phenanthrene	UG/KG	NS	100000	61,200	41,600	945	7,360	3,630
Phenol	UG/KG	30000	100000	3,400 U	3,600 U	340 U	3,500 U	3,300 U
Pyrene	UG/KG	NS	100000	74,600	55,600	1,440	9,530	4,620

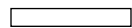
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-N	6325-SB-N	6325-SB-N	6325-SB-S	6325-SB-S
Sample ID				6325-SB-N-0-6	6325-SB-N-6-12	6325-SB-N-12-24	6325-SB-S-0-6	6325-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	45 U	47 U	46 U	46 U	46 U
Aroclor 1254	UG/KG	-	-	45 U	47 U	85.8	46 U	427
Aroclor 1260	UG/KG	-	-	1,120 DJ	921	128	1,510 DJ	1,530 DJ
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,120	921	213.8	1,510	1,957
Metals								
Arsenic	MG/KG	13	16	6.6	7.2	7.9	8.7	7.9
Barium	MG/KG	433	350	58.4	73.8	80.4	67.4	68.5
Cadmium	MG/KG	4	2.5	1.9	0.92	0.38 J	1.3	1.4
Chromium	MG/KG	41	36	48.7	48.4	38.1	46.3	84.9
Lead	MG/KG	63	400	108	127	106	131	157
Mercury	MG/KG	0.18	0.81	0.088	0.11	0.037	0.20	0.39
Selenium	MG/KG	3.9	36	0.99 U	1 U	1 U	1.1 U	1 U
Silver	MG/KG	2	36	0.24 J	0.22 J	0.5 U	0.59	0.58

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (2)

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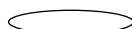
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-S	6325-SB-S	6440-FP-S-H	6440-FP-S-H	6440-FP-S-H
Sample ID				DUP-12	6325-SB-S-12-24	6440-FP-S-H-0-2	6440-FP-S-H-0-6	6440-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	310 U	2.5 U	NA	2.1 U	2.3 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	310 U	2.5 U	NA	2.1 U	2.3 U
1,1-Dichloroethene	UG/KG	NS	100000	310 U	2.5 U	NA	2.1 U	2.3 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	310 U	4.0	NA	2.1 U	2.3 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	310 U	2.5 U	NA	2.1 U	2.3 U
2-Hexanone	UG/KG	-	-	1,500 U	12 U	NA	11 U	12 U
4-Methyl-2-pentanone	UG/KG	-	-	770 U	6.2 U	NA	5.3 U	5.9 U
Acetone	UG/KG	2200	100000	R	70.0	NA	45.6	43.2
Benzene	UG/KG	70000	2900	77 U	0.69	NA	0.73	0.65
Bromomethane	UG/KG	-	-	310 U	2.5 U	NA	2.1 U	2.3 U
Carbon disulfide	UG/KG	-	-	770 U	7.5	NA	1.5 J	1.3 J
Chloroform	UG/KG	12000	10000	310 U	2.5 U	NA	2.1 U	2.3 U
Chloromethane	UG/KG	-	-	770 U	6.2 U	NA	5.3 U	5.9 U
Ethylbenzene	UG/KG	NS	30000	95.7 J	2.5 U	NA	2.1 U	2.3 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	9.0 J	NA	8.5 J	8.8 J
Methylene chloride	UG/KG	12000	51000	310 U	2.5 U	NA	2.1 U	2.3 U
Tetrachloroethene	UG/KG	2000	5500	310 U	2.5 U	NA	2.1 U	2.3 U
Toluene	UG/KG	36000	100000	770 U	6.2 U	NA	5.3 U	5.9 U
Trichloroethene	UG/KG	2000	10000	1,460 J	10.1	NA	0.37 J	0.39 J
Vinyl chloride	UG/KG	NS	210	310 U	2.5 U	NA	2.1 U	2.3 U

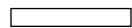
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value. 'R' - the data is rejected.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-S	6325-SB-S	6440-FP-S-H	6440-FP-S-H	6440-FP-S-H
Sample ID				DUP-12	6325-SB-S-12-24	6440-FP-S-H-0-2	6440-FP-S-H-0-6	6440-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	224 J	2.5 U	NA	2.1 U	2.3 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
1,2-Dichlorobenzene	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
1,3-Dichlorobenzene	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
1,4-Dichlorobenzene	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
2,4-Dimethylphenol	UG/KG	-	-	6,800 U	620 U	660 U	NA	640 U
2-Methylnaphthalene	UG/KG	-	-	1,400 U	33.4 J	130 U	NA	130 U
2-Nitroaniline	UG/KG	-	-	6,800 U	620 U	660 U	NA	640 U
3&4-Methylphenol	UG/KG	NS	34000	6,800 U	620 U	660 U	NA	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
4-Chloroaniline	UG/KG	-	-	6,800 U	620 U	660 U	NA	640 U
Acenaphthene	UG/KG	20000	100000	1,400 U	214	40.4 J	NA	14.6 J
Acenaphthylene	UG/KG	NS	100000	1,400 U	120 U	14.1 J	NA	130 U
Anthracene	UG/KG	NS	100000	1,120 J	355	113 J	NA	35.6 J
Benzo(a)anthracene	UG/KG	NS	1000	3,480	1,210	496	NA	177
Benzo(a)pyrene	UG/KG	2600	1000	3,740	1,130	497	NA	235
Benzo(b)fluoranthene	UG/KG	NS	1000	3,480	1,070	501	NA	216
Benzo(g,h,i)perylene	UG/KG	NS	100000	2,060	775	297	NA	127 J
Benzo(k)fluoranthene	UG/KG	NS	1000	3,240	943	431	NA	207

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-S	6325-SB-S	6440-FP-S-H	6440-FP-S-H	6440-FP-S-H
Sample ID				DUP-12	6325-SB-S-12-24	6440-FP-S-H-0-2	6440-FP-S-H-0-6	6440-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	3,400 U	161 J	126 J	NA	145 J
Butylbenzylphthalate	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
Carbazole	UG/KG	-	-	817 J	258	83.8 J	NA	23.6 J
Chrysene	UG/KG	NS	1000	3,610	1,280	519	NA	189
Dibenz(a,h)anthracene	UG/KG	NS	330	1,400 U	238	135	NA	84.4 J
Dibenzofuran	UG/KG	NS	14000	346 J	94.9 J	18.5 J	NA	130 U
Dimethylphthalate	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
Di-n-butylphthalate	UG/KG	-	-	3,400 U	310 U	29.6 J	NA	21.5 J
Di-n-octylphthalate	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
Fluoranthene	UG/KG	NS	100000	8,940	2,900	1,110	NA	358
Fluorene	UG/KG	30000	100000	1,400 U	120 U	41.2 J	NA	14.4 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,960	847	357	NA	206
Isophorone	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
Naphthalene	UG/KG	NS	100000	1,400 U	120 U	13.6 J	NA	130 U
Nitrobenzene	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	3,400 U	310 U	330 U	NA	320 U
Phenanthrene	UG/KG	NS	100000	6,010	1,880	530	NA	170
Phenol	UG/KG	30000	100000	3,400 U	310 U	330 U	NA	320 U
Pyrene	UG/KG	NS	100000	6,700	2,370	866	NA	290

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6325-SB-S	6325-SB-S	6440-FP-S-H	6440-FP-S-H	6440-FP-S-H
Sample ID				DUP-12	6325-SB-S-12-24	6440-FP-S-H-0-2	6440-FP-S-H-0-6	6440-FP-S-H-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	42 U	45 U	NA	42 U
Aroclor 1254	UG/KG	-	-	258	146	291	NA	273
Aroclor 1260	UG/KG	-	-	1,480 DJ	585	263 J	NA	215 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,738	731	554	NA	488
Metals								
Arsenic	MG/KG	13	16	7.2	6.2	6.1	NA	6.5
Barium	MG/KG	433	350	73.6	57.3	66.2	NA	62.5
Cadmium	MG/KG	4	2.5	1.6	0.80	0.98	NA	1.6
Chromium	MG/KG	41	36	87.8	37.5	28.8	NA	23.1
Lead	MG/KG	63	400	214	81.6	42.0	NA	38.6
Mercury	MG/KG	0.18	0.81	0.48	0.16	0.081	NA	0.095
Selenium	MG/KG	3.9	36	1 U	0.96 U	1 U	NA	0.96 U
Silver	MG/KG	2	36	0.99	0.38 J	0.51 U	NA	0.32 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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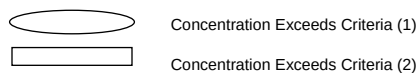
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-H	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L
Sample ID				6440-FP-S-H-12-24	6440-FP-S-L-0-2	6440-FP-S-L-0-6	6440-FP-S-L-6-12	6440-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.4 U	NA	2.6 U	2.4 U	2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.4 U	NA	2.6 U	2.4 U	2 U
1,1-Dichloroethene	UG/KG	NS	100000	2.4 U	NA	2.6 U	2.4 U	2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.4 U	NA	2.3 J	1.3 J	0.66 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.4 U	NA	2.6 U	2.4 U	2 U
2-Hexanone	UG/KG	-	-	12 U	NA	13 U	12 U	9.8 U
4-Methyl-2-pentanone	UG/KG	-	-	5.9 U	NA	6.6 UJ	6 UJ	4.9 U
Acetone	UG/KG	2200	100000	25.6	NA	185	147	27.3
Benzene	UG/KG	70000	2900	0.59 U	NA	0.87 J	0.72 J	0.49 U
Bromomethane	UG/KG	-	-	2.4 U	NA	2.6 U	2.4 U	2 U
Carbon disulfide	UG/KG	-	-	5.9 U	NA	3.4 J	2.6 J	1.3 J
Chloroform	UG/KG	12000	10000	2.4 U	NA	2.6 U	2.4 U	2 U
Chloromethane	UG/KG	-	-	5.9 U	NA	6.6 U	6 U	4.9 U
Ethylbenzene	UG/KG	NS	30000	2.4 U	NA	2.6 U	2.4 U	2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	NA	37.0 J	30.9 J	4.4 J
Methylene chloride	UG/KG	12000	51000	2.4 U	NA	2.6 U	2.4 U	2 U
Tetrachloroethene	UG/KG	2000	5500	2.4 U	NA	2.6 U	2.4 U	2 U
Toluene	UG/KG	36000	100000	5.9 U	NA	6.6 UJ	6 UJ	4.9 U
Trichloroethene	UG/KG	2000	10000	0.67 J	NA	1.7 J	1.7 J	1.2 J
Vinyl chloride	UG/KG	NS	210	2.4 U	NA	2.6 U	2.4 U	2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Only Detected Results Reported.

Detection Limits shown are PQL

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-H	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L
Sample ID				6440-FP-S-H-12-24	6440-FP-S-L-0-2	6440-FP-S-L-0-6	6440-FP-S-L-6-12	6440-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.4 U	NA	2.6 U	2.4 U	2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	610 U	710 U	NA	670 U	630 U
2-Methylnaphthalene	UG/KG	-	-	120 U	18.1 J	NA	28.1 J	35.8 J
2-Nitroaniline	UG/KG	-	-	610 U	710 U	NA	670 U	630 U
3&4-Methylphenol	UG/KG	NS	34000	610 U	710 U	NA	670 U	630 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
4-Chloroaniline	UG/KG	-	-	610 U	710 U	NA	670 U	630 U
Acenaphthene	UG/KG	20000	100000	42.0 J	75.7 J	NA	135	120 J
Acenaphthylene	UG/KG	NS	100000	16.2 J	25.7 J	NA	36.5 J	25.5 J
Anthracene	UG/KG	NS	100000	78.9 J	156	NA	264	241
Benzo(a)anthracene	UG/KG	NS	1000	295	680	NA	1,170	529
Benzo(a)pyrene	UG/KG	2600	1000	334	748	NA	1,210	500
Benzo(b)fluoranthene	UG/KG	NS	1000	310	768	NA	1,230	444
Benzo(g,h,i)perylene	UG/KG	NS	100000	179	500	NA	913	288
Benzo(k)fluoranthene	UG/KG	NS	1000	282	679	NA	1,050	450

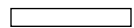
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-H	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L
Sample ID				6440-FP-S-H-12-24	6440-FP-S-L-0-2	6440-FP-S-L-0-6	6440-FP-S-L-6-12	6440-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	112 J	138 J	NA	213 J	88.9 J
Butylbenzylphthalate	UG/KG	-	-	310 U	59.8 J	NA	330 U	310 U
Carbazole	UG/KG	-	-	48.4 J	130 J	NA	202	121 J
Chrysene	UG/KG	NS	1000	318	836	NA	1,350	502
Dibenz(a,h)anthracene	UG/KG	NS	330	99.1 J	223	NA	248	133
Dibenzofuran	UG/KG	NS	14000	22.3 J	35.4 J	NA	57.7 J	66.2 J
Dimethylphthalate	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
Di-n-butylphthalate	UG/KG	-	-	15.0 J	28.2 J	NA	24.6 J	310 U
Di-n-octylphthalate	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
Fluoranthene	UG/KG	NS	100000	730	1,590	NA	2,540	1,190
Fluorene	UG/KG	30000	100000	41.9 J	66.4 J	NA	118 J	120 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	270	567	NA	889	354
Isophorone	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
Naphthalene	UG/KG	NS	100000	25.9 J	25.2 J	NA	44.6 J	63.6 J
Nitrobenzene	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	350 U	NA	330 U	310 U
Phenanthrene	UG/KG	NS	100000	410	799	NA	1,330	909
Phenol	UG/KG	30000	100000	310 U	350 U	NA	330 U	310 U
Pyrene	UG/KG	NS	100000	565	1,420	NA	2,360	999

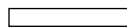
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-H	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L	6440-FP-S-L
Sample ID				6440-FP-S-H-12-24	6440-FP-S-L-0-2	6440-FP-S-L-0-6	6440-FP-S-L-6-12	6440-FP-S-L-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	41 U	48 U	NA	43 U	42 U
Aroclor 1254	UG/KG	-	-	296	125	NA	321	113
Aroclor 1260	UG/KG	-	-	234 J	272 J	NA	751	367
Total Polychlorinated Biphenyls	UG/KG	1000	1000	530	397	NA	1,072	480
Metals								
Arsenic	MG/KG	13	16	4.9	5.4	NA	6.8	5.3
Barium	MG/KG	433	350	57.1	65.5	NA	72.7	71.8
Cadmium	MG/KG	4	2.5	0.72	0.99	NA	1.4	0.48
Chromium	MG/KG	41	36	18.8	28.5	NA	39.5	16.7
Lead	MG/KG	63	400	37.8	54.1	NA	94.6	35.8
Mercury	MG/KG	0.18	0.81	0.10	0.094	NA	0.18	0.094
Selenium	MG/KG	3.9	36	0.93 U	1.1 U	NA	1 U	0.95 U
Silver	MG/KG	2	36	0.35 J	0.23 J	NA	0.26 J	0.60

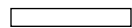
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M
Sample ID				6440-FP-S-M-0-2	6440-FP-S-M-0-6	6440-FP-S-M-6-12	6440-FP-S-M-12-24	DUP-9
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.5 U	2.1 U	1.9 U	2.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.5 U	2.1 U	1.9 U	2.1 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.5 U	2.1 U	1.9 U	2.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.5 U	2.1 U	1.9 U	2.1 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.5 U	2.1 U	1.9 U	2.1 U
2-Hexanone	UG/KG	-	-	NA	13 U	10 U	9.4 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	6.3 U	5.2 U	4.7 U	5.3 U
Acetone	UG/KG	2200	100000	NA	178	60.3	73.8 J	125 J
Benzene	UG/KG	70000	2900	NA	0.54 J	0.55	0.36 J	0.65
Bromomethane	UG/KG	-	-	NA	2.5 U	2.1 U	1.9 U	2.1 U
Carbon disulfide	UG/KG	-	-	NA	1.7 J	0.69 J	0.93 J	1.2 J
Chloroform	UG/KG	12000	10000	NA	2.5 U	2.1 U	1.9 U	2.1 U
Chloromethane	UG/KG	-	-	NA	6.3 U	5.2 U	4.7 U	5.3 U
Ethylbenzene	UG/KG	NS	30000	NA	2.5 U	2.1 U	1.9 U	2.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	18.3 J	10.3 J	10.3 J	18.2 J
Methylene chloride	UG/KG	12000	51000	NA	2.5 U	2.1 U	1.9 U	2.1 U
Tetrachloroethene	UG/KG	2000	5500	NA	2.5 U	2.1 U	1.9 U	2.1 U
Toluene	UG/KG	36000	100000	NA	6.3 U	5.2 U	4.7 U	5.3 U
Trichloroethene	UG/KG	2000	10000	NA	0.48 J	0.75 J	0.40 J	2.3
Vinyl chloride	UG/KG	NS	210	NA	2.5 U	2.1 U	1.9 U	2.1 U

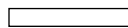
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M
Sample ID				6440-FP-S-M-0-2	6440-FP-S-M-0-6	6440-FP-S-M-6-12	6440-FP-S-M-12-24	DUP-9
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.5 U	2.1 U	1.9 U	2.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	760 U	NA	570 U	580 U	620 U
2-Methylnaphthalene	UG/KG	-	-	150 U	NA	22.3 J	25.4 J	28.2 J
2-Nitroaniline	UG/KG	-	-	760 U	NA	570 U	580 U	620 U
3&4-Methylphenol	UG/KG	NS	34000	760 U	NA	570 U	580 U	620 U
4-Bromophenyl-phenylether	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
4-Chloroaniline	UG/KG	-	-	760 U	NA	570 U	580 U	620 U
Acenaphthene	UG/KG	20000	100000	23.9 J	NA	74.2 J	101 J	89.4 J
Acenaphthylene	UG/KG	NS	100000	28.5 J	NA	18.7 J	15.6 J	22.5 J
Anthracene	UG/KG	NS	100000	74.7 J	NA	160	223	191
Benzo(a)anthracene	UG/KG	NS	1000	273	NA	494	509	535
Benzo(a)pyrene	UG/KG	2600	1000	324	NA	505	490	554
Benzo(b)fluoranthene	UG/KG	NS	1000	308	NA	484	430	515
Benzo(g,h,i)perylene	UG/KG	NS	100000	171	NA	314	256	335
Benzo(k)fluoranthene	UG/KG	NS	1000	297	NA	440	411	480

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

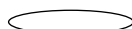
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M
Sample ID				6440-FP-S-M-0-2	6440-FP-S-M-0-6	6440-FP-S-M-6-12	6440-FP-S-M-12-24	DUP-9
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	109 J	NA	165 J	104 J	206 J
Butylbenzylphthalate	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
Carbazole	UG/KG	-	-	43.0 J	NA	99.4 J	114 J	110 J
Chrysene	UG/KG	NS	1000	292	NA	506	472	530
Dibenz(a,h)anthracene	UG/KG	NS	330	111 J	NA	118	119 J	135
Dibenzofuran	UG/KG	NS	14000	150 U	NA	39.7 J	51.5 J	45.9 J
Dimethylphthalate	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
Di-n-butylphthalate	UG/KG	-	-	380 U	NA	14.1 J	290 U	65.6 J
Di-n-octylphthalate	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
Fluoranthene	UG/KG	NS	100000	613	NA	1,110	1,150	1,160
Fluorene	UG/KG	30000	100000	21.7 J	NA	72.1 J	97.9 J	83.5 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	276	NA	352	345	407
Isophorone	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
Naphthalene	UG/KG	NS	100000	150 U	NA	33.3 J	52.5 J	49.3 J
Nitrobenzene	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	380 U	NA	290 U	290 U	310 U
Phenanthrene	UG/KG	NS	100000	249	NA	694	809	772
Phenol	UG/KG	30000	100000	380 U	NA	290 U	290 U	217 J
Pyrene	UG/KG	NS	100000	501	NA	957	927	1,020

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M	6440-FP-S-M
Sample ID				6440-FP-S-M-0-2	6440-FP-S-M-0-6	6440-FP-S-M-6-12	6440-FP-S-M-12-24	DUP-9
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					Field Duplicate (1-1)
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	52 U	NA	38 U	39 U	43 U
Aroclor 1254	UG/KG	-	-	99.5	NA	443	404	566
Aroclor 1260	UG/KG	-	-	116 J	NA	372 J	514 J	498 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	215.5	NA	815	918	1,064
Metals								
Arsenic	MG/KG	13	16	5.8	NA	6.2	5.6	6.6
Barium	MG/KG	433	350	73.4	NA	58.4	70.1	64.4
Cadmium	MG/KG	4	2.5	0.72	NA	1.6	0.91	1.1
Chromium	MG/KG	41	36	21.8	NA	28.7	20.1 J	34.3 J
Lead	MG/KG	63	400	37.0	NA	58.6	58.0	56.3
Mercury	MG/KG	0.18	0.81	0.074	NA	0.13	0.099 J	0.21 J
Selenium	MG/KG	3.9	36	1.1 U	NA	0.85 U	0.87 U	0.98 U
Silver	MG/KG	2	36	0.57	NA	0.61	0.92	0.66

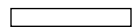
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-N	6550-SB-N	6550-SB-N	6550-SB-S	6550-SB-S
Sample ID				6550-SB-N-0-6	6550-SB-N-6-12	6550-SB-N-12-24	6550-SB-S-0-6	6550-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.2 U	2.8 U	2 U	2.9 U	2.9 U
1,1-Dichloroethene	UG/KG	NS	100000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.7 J	0.95 J	2 U	3.7 J	3.0 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
2-Hexanone	UG/KG	-	-	16 U	14 U	10 U	6.5 J	14 U
4-Methyl-2-pentanone	UG/KG	-	-	8 U	7.1 U	5 U	7.2 U	7.2 U
Acetone	UG/KG	2200	100000	99.5	157	14.5 J	162 J	56.4 J
Benzene	UG/KG	70000	2900	0.75 J	0.71 U	0.67 J	0.63 J	0.63 J
Bromomethane	UG/KG	-	-	3.2 U	2.8 U	2 U	2.9 U	2.9 U
Carbon disulfide	UG/KG	-	-	15.1	6.4 J	1.4 J	6.1 J	5.1 J
Chloroform	UG/KG	12000	10000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
Chloromethane	UG/KG	-	-	8 U	7.1 U	5 U	7.2 U	7.2 U
Ethylbenzene	UG/KG	NS	30000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	13.9 J	12.0 J	R	20.0 J	6.6 J
Methylene chloride	UG/KG	12000	51000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
Tetrachloroethene	UG/KG	2000	5500	3.2 U	2.8 U	2 U	2.9 U	2.9 U
Toluene	UG/KG	36000	100000	8 U	7.1 U	5 U	7.2 U	7.2 U
Trichloroethene	UG/KG	2000	10000	3.5	2.0 J	0.34 J	4.5 J	4.9 J
Vinyl chloride	UG/KG	NS	210	3.2 U	2.8 U	2 U	2.9 U	2.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-N	6550-SB-N	6550-SB-N	6550-SB-S	6550-SB-S
Sample ID				6550-SB-N-0-6	6550-SB-N-6-12	6550-SB-N-12-24	6550-SB-S-0-6	6550-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	3.2 U	2.8 U	2 U	2.9 U	2.9 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
1,2-Dichlorobenzene	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
1,3-Dichlorobenzene	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
1,4-Dichlorobenzene	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
2,4-Dimethylphenol	UG/KG	-	-	790 U	720 U	640 U	710 U	700 U
2-Methylnaphthalene	UG/KG	-	-	41.1 J	140 U	130 U	960	534
2-Nitroaniline	UG/KG	-	-	790 U	720 U	640 U	710 U	700 U
3&4-Methylphenol	UG/KG	NS	34000	790 U	720 U	640 U	710 U	700 U
4-Bromophenyl-phenylether	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
4-Chloroaniline	UG/KG	-	-	790 U	720 U	640 U	710 U	700 U
Acenaphthene	UG/KG	20000	100000	160 U	140 U	130 U	4,860	2,410
Acenaphthylene	UG/KG	NS	100000	160 U	140 U	130 U	136 J	140 U
Anthracene	UG/KG	NS	100000	408	39.5 J	130 U	5,380	3,090
Benzo(a)anthracene	UG/KG	NS	1000	2,120	254	130 U	20,200 D	12,200 D
Benzo(a)pyrene	UG/KG	2600	1000	2,170	317	130 U	17,200 D	10,000
Benzo(b)fluoranthene	UG/KG	NS	1000	2,130	295	130 U	16,400 D	10,500 D
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,540	179	130 U	7,540	5,410
Benzo(k)fluoranthene	UG/KG	NS	1000	1,800	256	130 U	9,140	9,480 D

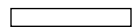
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-N	6550-SB-N	6550-SB-N	6550-SB-S	6550-SB-S
Sample ID				6550-SB-N-0-6	6550-SB-N-6-12	6550-SB-N-12-24	6550-SB-S-0-6	6550-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
Butylbenzylphthalate	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
Carbazole	UG/KG	-	-	365	32.5 J	130 U	4,250	3,120
Chrysene	UG/KG	NS	1000	2,480	287	130 U	21,100 D	13,500 D
Dibenz(a,h)anthracene	UG/KG	NS	330	409	140 U	130 U	2,900	2,370 D
Dibenzofuran	UG/KG	NS	14000	98.1 J	140 U	130 U	2,280	1,220
Dimethylphthalate	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
Di-n-butylphthalate	UG/KG	-	-	21.9 J	360 U	320 U	360 U	350 U
Di-n-octylphthalate	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
Fluoranthene	UG/KG	NS	100000	5,120	528	51.7 J	52,300 D	32,100 D
Fluorene	UG/KG	30000	100000	160 U	140 U	130 U	3,550	1,930
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,620	286	130 U	8,200	5,830
Isophorone	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
Naphthalene	UG/KG	NS	100000	160 U	140 U	130 U	1,640	818
Nitrobenzene	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	390 U	360 U	320 U	360 U	350 U
Phenanthrene	UG/KG	NS	100000	2,530	207	21.0 J	40,000 D	21,900 D
Phenol	UG/KG	30000	100000	390 U	360 U	320 U	360 U	350 U
Pyrene	UG/KG	NS	100000	4,170	454	38.3 J	40,100 D	24,600 D

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-N	6550-SB-N	6550-SB-N	6550-SB-S	6550-SB-S
Sample ID				6550-SB-N-0-6	6550-SB-N-6-12	6550-SB-N-12-24	6550-SB-S-0-6	6550-SB-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	51 U	48 U	41 U	47 U	45 U
Aroclor 1254	UG/KG	-	-	95.6	48 U	41 U	1,890 D	45 U
Aroclor 1260	UG/KG	-	-	230	83.1	41 U	4,800 DJ	5,290 DJ
Total Polychlorinated Biphenyls	UG/KG	1000	1000	325.6	83.1	41 U	6,690	5,290
Metals								
Arsenic	MG/KG	13	16	7.1	6.2	198	7.2	5.6
Barium	MG/KG	433	350	74.5	85.0	70.5	64.8	62.6
Cadmium	MG/KG	4	2.5	0.60	0.42 U	0.39 U	0.73	0.82
Chromium	MG/KG	41	36	25.0	15.2	12.2	35.2	29.6
Lead	MG/KG	63	400	42.7	14.5	8.6	74.9	78.1
Mercury	MG/KG	0.18	0.81	0.078	0.064	0.031 J	0.10	0.15
Selenium	MG/KG	3.9	36	1.2 U	1.1 U	1.9 U	1.1 U	1 U
Silver	MG/KG	2	36	0.58 U	0.53 U	0.97 U	0.41 J	0.79

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-S	6575-FP-S	6575-FP-S	6575-FP-S	6575-FP-S
Sample ID				6550-SB-S-12-24	6575-FP-S-0-2	6575-FP-S-0-6	6575-FP-S-6-12	6575-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.3 U	NA	2.4 U	240 U	300 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.3 U	NA	2.4 U	240 U	300 U
1,1-Dichloroethene	UG/KG	NS	100000	3.3 U	NA	2.4 U	240 U	300 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	14.2	NA	7.0	240 U	300 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	0.93 J	NA	0.94 J	240 U	300 U
2-Hexanone	UG/KG	-	-	16 U	NA	12 U	1,200 U	1,500 U
4-Methyl-2-pentanone	UG/KG	-	-	8.2 U	NA	5.9 U	610 U	750 U
Acetone	UG/KG	2200	100000	72.1	NA	215	R	R
Benzene	UG/KG	70000	2900	0.82 U	NA	0.59	61 U	75 U
Bromomethane	UG/KG	-	-	3.3 U	NA	2.4 U	240 U	300 U
Carbon disulfide	UG/KG	-	-	3.6 J	NA	5.5 J	610 U	750 U
Chloroform	UG/KG	12000	10000	3.3 U	NA	2.4 U	240 U	300 U
Chloromethane	UG/KG	-	-	8.2 U	NA	5.9 U	610 U	750 U
Ethylbenzene	UG/KG	NS	30000	3.3 U	NA	2.4 U	240 U	300 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	12.5 J	NA	24.4 J	R	R
Methylene chloride	UG/KG	12000	51000	3.3 U	NA	2.4 U	240 U	300 U
Tetrachloroethene	UG/KG	2000	5500	3.3 U	NA	2.4 U	240 U	300 U
Toluene	UG/KG	36000	100000	8.2 U	NA	5.9 U	610 U	750 U
Trichloroethene	UG/KG	2000	10000	21.3	NA	91.6	1,460	4,000
Vinyl chloride	UG/KG	NS	210	3.3 U	NA	2.4 U	240 U	300 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-S	6575-FP-S	6575-FP-S	6575-FP-S	6575-FP-S
Sample ID				6550-SB-S-12-24	6575-FP-S-0-2	6575-FP-S-0-6	6575-FP-S-6-12	6575-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	3.3 U	NA	2.4 U	240 U	300 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
1,2-Dichlorobenzene	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
1,3-Dichlorobenzene	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
1,4-Dichlorobenzene	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
2,4-Dimethylphenol	UG/KG	-	-	7,600 U	720 U	NA	3,200 U	730 U
2-Methylnaphthalene	UG/KG	-	-	1,290 J	101 J	NA	350 J	319
2-Nitroaniline	UG/KG	-	-	7,600 U	720 U	NA	3,200 U	730 U
3&4-Methylphenol	UG/KG	NS	34000	7,600 U	720 U	NA	3,200 U	730 U
4-Bromophenyl-phenylether	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
4-Chloroaniline	UG/KG	-	-	7,600 U	720 U	NA	3,200 U	730 U
Acenaphthene	UG/KG	20000	100000	5,850	440	NA	1,830	1,260
Acenaphthylene	UG/KG	NS	100000	1,500 U	58.1 J	NA	155 J	107 J
Anthracene	UG/KG	NS	100000	7,190	752	NA	2,470	1,740
Benzo(a)anthracene	UG/KG	NS	1000	21,200	3,480	NA	8,800	5,030
Benzo(a)pyrene	UG/KG	2600	1000	19,300	3,460	NA	8,420	4,870
Benzo(b)fluoranthene	UG/KG	NS	1000	18,000	3,600	NA	7,970	4,770
Benzo(g,h,i)perylene	UG/KG	NS	100000	12,300	2,420	NA	5,050	3,150
Benzo(k)fluoranthene	UG/KG	NS	1000	16,100	2,940	NA	7,170	3,540

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-S	6575-FP-S	6575-FP-S	6575-FP-S	6575-FP-S
Sample ID				6550-SB-S-12-24	6575-FP-S-0-2	6575-FP-S-0-6	6575-FP-S-6-12	6575-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	3,800 UJ	360 U	NA	1,600 U	360 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	1,770 J	198 J	NA	1,260 J	315 J
Butylbenzylphthalate	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
Carbazole	UG/KG	-	-	6,440	724	NA	2,390	1,410
Chrysene	UG/KG	NS	1000	23,100	4,060	NA	9,920	5,510
Dibenz(a,h)anthracene	UG/KG	NS	330	2,690	778	NA	1,540	1,030
Dibenzofuran	UG/KG	NS	14000	3,480	258	NA	955	786
Dimethylphthalate	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
Di-n-butylphthalate	UG/KG	-	-	3,800 U	21.5 J	NA	1,600 U	360 U
Di-n-octylphthalate	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
Fluoranthene	UG/KG	NS	100000	59,900	7,920	NA	23,300	17,500 D
Fluorene	UG/KG	30000	100000	5,570	368	NA	1,570	1,240
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	13,600	2,260	NA	5,370	3,120
Isophorone	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
Naphthalene	UG/KG	NS	100000	2,670	186	NA	607 J	714
Nitrobenzene	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	3,800 U	360 U	NA	1,600 U	360 U
Phenanthrene	UG/KG	NS	100000	50,600	4,700	NA	16,800	11,500
Phenol	UG/KG	30000	100000	3,800 U	360 U	NA	1,600 U	360 U
Pyrene	UG/KG	NS	100000	45,500	7,060	NA	19,600	11,400

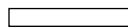
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (2)

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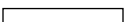
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6550-SB-S	6575-FP-S	6575-FP-S	6575-FP-S	6575-FP-S
Sample ID				6550-SB-S-12-24	6575-FP-S-0-2	6575-FP-S-0-6	6575-FP-S-6-12	6575-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	50 U	49 U	NA	43 U	47 U
Aroclor 1254	UG/KG	-	-	50 U	288	NA	1,120 D	743
Aroclor 1260	UG/KG	-	-	5,750 DJ	1,020 D	NA	2,760 D	1,330 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	5,750	1,308	NA	3,880	2,073
Metals								
Arsenic	MG/KG	13	16	8.7	6.3	NA	7.7	9.0
Barium	MG/KG	433	350	89.8	72.1	NA	80.3	90.6
Cadmium	MG/KG	4	2.5	2.5	1.2	NA	1.6	2.3
Chromium	MG/KG	41	36	97.0 J	33.0	NA	56.5	64.0
Lead	MG/KG	63	400	310 J	69.5	NA	158	133
Mercury	MG/KG	0.18	0.81	0.79	0.11	NA	0.31	0.42
Selenium	MG/KG	3.9	36	1.1 U	1.1 U	NA	0.97 U	1.1 U
Silver	MG/KG	2	36	2.1	1.2	NA	0.79	1.6

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
 Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-C	6580-C	6580-OF-006	6580-OF-006	6580-OF-006
Sample ID				6580-C-1-1.5	6580-C-4-4.5	6580-OF-006-0-2	6580-OF-006-0-6	6580-OF-006-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	NA	4,500 U	9,800 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	NA	4,500 U	9,800 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	NA	4,500 U	9,800 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	NA	19,000	12,600
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	NA	4,500 U	9,800 U
2-Hexanone	UG/KG	-	-	NA	NA	NA	22,000 U	49,000 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	NA	11,000 U	24,000 U
Acetone	UG/KG	2200	100000	NA	NA	NA	R	R
Benzene	UG/KG	70000	2900	NA	NA	NA	1,100 U	2,400 U
Bromomethane	UG/KG	-	-	NA	NA	NA	4,500 U	9,800 U
Carbon disulfide	UG/KG	-	-	NA	NA	NA	11,000 U	24,000 U
Chloroform	UG/KG	12000	10000	NA	NA	NA	4,500 U	9,800 U
Chloromethane	UG/KG	-	-	NA	NA	NA	11,000 U	24,000 U
Ethylbenzene	UG/KG	NS	30000	NA	NA	NA	4,500 U	9,800 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	NA	R	R
Methylene chloride	UG/KG	12000	51000	NA	NA	NA	4,500 U	9,800 U
Tetrachloroethene	UG/KG	2000	5500	NA	NA	NA	4,500 U	9,800 U
Toluene	UG/KG	36000	100000	NA	NA	NA	11,000 U	24,000 U
Trichloroethene	UG/KG	2000	10000	NA	NA	NA	425,000	630,000
Vinyl chloride	UG/KG	NS	210	NA	NA	NA	4,500 U	9,800 U

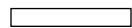
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Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-C	6580-C	6580-OF-006	6580-OF-006	6580-OF-006
Sample ID				6580-C-1-1.5	6580-C-4-4.5	6580-OF-006-0-2	6580-OF-006-0-6	6580-OF-006-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	NA	4,500 U	9,800 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	NA	310 U	NA	320 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	NA	310 U	NA	320 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	NA	310 U	NA	320 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	NA	310 U	NA	320 U
2,4-Dimethylphenol	UG/KG	-	-	NA	NA	630 U	NA	650 U
2-Methylnaphthalene	UG/KG	-	-	NA	NA	21.1 J	NA	21.3 J
2-Nitroaniline	UG/KG	-	-	NA	NA	630 U	NA	650 U
3&4-Methylphenol	UG/KG	NS	34000	NA	NA	630 U	NA	650 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	NA	310 U	NA	320 U
4-Chloroaniline	UG/KG	-	-	NA	NA	630 U	NA	650 U
Acenaphthene	UG/KG	20000	100000	NA	NA	77.2 J	NA	130 U
Acenaphthylene	UG/KG	NS	100000	NA	NA	130 U	NA	130 U
Anthracene	UG/KG	NS	100000	NA	NA	130	NA	30.7 J
Benzo(a)anthracene	UG/KG	NS	1000	NA	NA	313	NA	44.6 J
Benzo(a)pyrene	UG/KG	2600	1000	NA	NA	307	NA	115 J
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	NA	290	NA	96.8 J
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	NA	149	NA	36.1 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	NA	270	NA	96.7 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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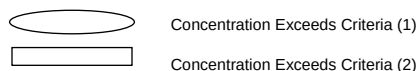
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-C	6580-C	6580-OF-006	6580-OF-006	6580-OF-006
Sample ID				6580-C-1-1.5	6580-C-4-4.5	6580-OF-006-0-2	6580-OF-006-0-6	6580-OF-006-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	NA	310 U	NA	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	NA	111 J	NA	81.3 J
Butylbenzylphthalate	UG/KG	-	-	NA	NA	310 U	NA	320 U
Carbazole	UG/KG	-	-	NA	NA	86.7 J	NA	16.7 J
Chrysene	UG/KG	NS	1000	NA	NA	318	NA	46.4 J
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	NA	95.2 J	NA	130 U
Dibenzofuran	UG/KG	NS	14000	NA	NA	41.0 J	NA	130 U
Dimethylphthalate	UG/KG	-	-	NA	NA	310 U	NA	320 U
Di-n-butylphthalate	UG/KG	-	-	NA	NA	310 U	NA	320 U
Di-n-octylphthalate	UG/KG	-	-	NA	NA	310 U	NA	320 U
Fluoranthene	UG/KG	NS	100000	NA	NA	839	NA	120 J
Fluorene	UG/KG	30000	100000	NA	NA	81.5 J	NA	16.3 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	NA	247	NA	132
Isophorone	UG/KG	-	-	NA	NA	310 U	NA	320 U
Naphthalene	UG/KG	NS	100000	NA	NA	28.9 J	NA	130 U
Nitrobenzene	UG/KG	-	-	NA	NA	310 U	NA	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	NA	310 U	NA	320 U
Phenanthrene	UG/KG	NS	100000	NA	NA	695	NA	139
Phenol	UG/KG	30000	100000	NA	NA	310 U	NA	320 U
Pyrene	UG/KG	NS	100000	NA	NA	722	NA	100 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-C	6580-C	6580-OF-006	6580-OF-006	6580-OF-006
Sample ID				6580-C-1-1.5	6580-C-4-4.5	6580-OF-006-0-2	6580-OF-006-0-6	6580-OF-006-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/03/16	05/03/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	40 U	40 U	40 U	NA	41 U
Aroclor 1254	UG/KG	-	-	40 U	40 U	44.8	NA	41 U
Aroclor 1260	UG/KG	-	-	40 U	40 U	64.8	NA	41 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	40 U	40 U	109.6	NA	41 U
Metals								
Arsenic	MG/KG	13	16	NA	NA	2.9	NA	1.9
Barium	MG/KG	433	350	NA	NA	66.3	NA	64.7
Cadmium	MG/KG	4	2.5	NA	NA	0.071 J	NA	0.39 U
Chromium	MG/KG	41	36	NA	NA	21.1	NA	15.4
Lead	MG/KG	63	400	NA	NA	9.4	NA	7.6
Mercury	MG/KG	0.18	0.81	NA	NA	0.016 J	NA	0.012 J
Selenium	MG/KG	3.9	36	NA	NA	0.89 U	NA	0.97 U
Silver	MG/KG	2	36	NA	NA	0.14 J	NA	0.17 J

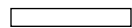
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-OF-006	6580-OFB-006	6605-FP-S	6605-FP-S	6605-FP-S
Sample ID				6580-OF-006-12-24	6580-OFB-006	6605-FP-S-0-2	6605-FP-S-0-6	6605-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.5-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	4,300 U	2.5 U	NA	2.7 U	2.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	4,300 U	2.5 U	NA	2.7 U	2.2 U
1,1-Dichloroethene	UG/KG	NS	100000	4,300 U	2.5 U	NA	2.7 U	2.2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	6,140	2.8	NA	3.5	5.7
1,2-Dichloroethene (trans)	UG/KG	NS	100000	4,300 U	2.5 U	NA	1.1 J	1.5 J
2-Hexanone	UG/KG	-	-	22,000 U	12 U	NA	13 U	11 U
4-Methyl-2-pentanone	UG/KG	-	-	11,000 U	6.1 U	NA	6.7 U	5.6 U
Acetone	UG/KG	2200	100000	R	131	NA	85.3	89.7
Benzene	UG/KG	70000	2900	1,100 U	0.61 U	NA	0.76	0.60
Bromomethane	UG/KG	-	-	4,300 U	2.5 U	NA	2.7 U	2.2 U
Carbon disulfide	UG/KG	-	-	11,000 U	4.8 J	NA	6.8	2.6 J
Chloroform	UG/KG	12000	10000	4,300 U	2.5 U	NA	2.7 U	0.84 J
Chloromethane	UG/KG	-	-	11,000 U	6.1 U	NA	6.7 U	5.6 U
Ethylbenzene	UG/KG	NS	30000	4,300 U	2.5 U	NA	2.7 U	2.2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	9.6 J	NA	10.9 J	15.4 J
Methylene chloride	UG/KG	12000	51000	4,300 U	2.5 U	NA	2.7 U	2.2 U
Tetrachloroethene	UG/KG	2000	5500	4,300 U	2.5 U	NA	2.7 U	2.2 U
Toluene	UG/KG	36000	100000	11,000 U	6.1 U	NA	6.7 U	5.6 U
Trichloroethene	UG/KG	2000	10000	275,000	9.2	NA	44.9	81.9
Vinyl chloride	UG/KG	NS	210	4,300 U	2.5 U	NA	2.7 U	2.2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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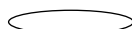
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-OF-006	6580-OFB-006	6605-FP-S	6605-FP-S	6605-FP-S
Sample ID				6580-OF-006-12-24	6580-OFB-006	6605-FP-S-0-2	6605-FP-S-0-6	6605-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.5-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	4,300 U	2.5 U	NA	2.7 U	2.2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
1,2-Dichlorobenzene	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
1,3-Dichlorobenzene	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
1,4-Dichlorobenzene	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
2,4-Dimethylphenol	UG/KG	-	-	590 U	670 U	690 U	NA	660 U
2-Methylnaphthalene	UG/KG	-	-	19.2 J	130 U	76.5 J	NA	45.3 J
2-Nitroaniline	UG/KG	-	-	590 U	670 U	690 U	NA	660 U
3&4-Methylphenol	UG/KG	NS	34000	590 U	670 U	690 U	NA	660 U
4-Bromophenyl-phenylether	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
4-Chloroaniline	UG/KG	-	-	590 U	670 U	690 U	NA	660 U
Acenaphthene	UG/KG	20000	100000	15.2 J	18.1 J	438	NA	308
Acenaphthylene	UG/KG	NS	100000	120 U	130 U	48.2 J	NA	37.1 J
Anthracene	UG/KG	NS	100000	17.9 J	35.7 J	827	NA	460
Benzo(a)anthracene	UG/KG	NS	1000	120 U	126 J	3,240	NA	2,210
Benzo(a)pyrene	UG/KG	2600	1000	120 U	185	3,180	NA	2,260
Benzo(b)fluoranthene	UG/KG	NS	1000	120 U	164	3,280	NA	2,350
Benzo(g,h,i)perylene	UG/KG	NS	100000	120 U	130 U	2,230	NA	1,550
Benzo(k)fluoranthene	UG/KG	NS	1000	120 U	162	2,730	NA	1,920

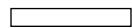
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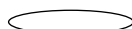
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-OF-006	6580-OFB-006	6605-FP-S	6605-FP-S	6605-FP-S
Sample ID				6580-OF-006-12-24	6580-OFB-006	6605-FP-S-0-2	6605-FP-S-0-6	6605-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.5-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	300 U	340 U	204 J	NA	181 J
Butylbenzylphthalate	UG/KG	-	-	300 U	340 U	350 U	NA	89.3 J
Carbazole	UG/KG	-	-	20.0 J	25.3 J	614	NA	435
Chrysene	UG/KG	NS	1000	120 U	138	3,730	NA	2,600
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	130 U	744	NA	532
Dibenzofuran	UG/KG	NS	14000	120 U	130 U	202	NA	126 J
Dimethylphthalate	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
Di-n-butylphthalate	UG/KG	-	-	300 U	340 U	350 U	NA	58.8 J
Di-n-octylphthalate	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
Fluoranthene	UG/KG	NS	100000	69.0 J	287	7,270	NA	5,120
Fluorene	UG/KG	30000	100000	16.3 J	130 U	368	NA	234
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	120 U	188	2,250	NA	1,610
Isophorone	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
Naphthalene	UG/KG	NS	100000	18.9 J	130 U	129 J	NA	59.9 J
Nitrobenzene	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	300 U	340 U	350 U	NA	330 U
Phenanthrene	UG/KG	NS	100000	98.4 J	172	4,320	NA	2,830
Phenol	UG/KG	30000	100000	300 U	340 U	350 U	NA	330 U
Pyrene	UG/KG	NS	100000	54.7 J	265	6,470	NA	4,500

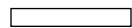
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6580-OF-006	6580-OFB-006	6605-FP-S	6605-FP-S	6605-FP-S
Sample ID				6580-OF-006-12-24	6580-OFB-006	6605-FP-S-0-2	6605-FP-S-0-6	6605-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.5-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	39 U	44 U	46 U	NA	42 U
Aroclor 1254	UG/KG	-	-	39 U	35.7 J	183	NA	171
Aroclor 1260	UG/KG	-	-	39 U	44 U	650	NA	568
Total Polychlorinated Biphenyls	UG/KG	1000	1000	39 U	35.7	833	NA	739
Metals								
Arsenic	MG/KG	13	16	2.6	4.4	5.1	NA	5.7
Barium	MG/KG	433	350	63.3	80.7	66.8	NA	67.9
Cadmium	MG/KG	4	2.5	0.18 J	0.17 J	0.67	NA	0.68
Chromium	MG/KG	41	36	11.5	13.0	26.0	NA	22.5
Lead	MG/KG	63	400	8.0	17.0	51.4	NA	48.3
Mercury	MG/KG	0.18	0.81	0.021 J	0.060	0.073	NA	0.089
Selenium	MG/KG	3.9	36	0.84 U	1 U	1 U	NA	0.98 U
Silver	MG/KG	2	36	0.42 U	0.51 U	0.32 J	NA	0.59

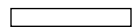
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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6605-FP-S	6660-FP-S	6660-FP-S	6660-FP-S	6660-FP-S
Sample ID				6605-FP-S-12-24	6660-FP-S-0-2	6660-FP-S-0-6	6660-FP-S-6-12	6660-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.2 U	NA	2.3 U	1.8 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.2 U	NA	2.3 U	1.8 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	2.2 U	NA	2.3 U	1.8 U	1.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	7.9	NA	1.0 J	0.63 J	4.7
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.7 J	NA	2.3 U	1.8 U	0.42 J
2-Hexanone	UG/KG	-	-	11 U	NA	11 U	9 U	9.3 U
4-Methyl-2-pentanone	UG/KG	-	-	5.5 U	NA	5.6 U	4.5 U	4.6 U
Acetone	UG/KG	2200	100000	94.0	NA	141	76.1 J	111 J
Benzene	UG/KG	70000	2900	0.67	NA	0.81	0.46 J	0.36 J
Bromomethane	UG/KG	-	-	2.2 U	NA	2.3 U	1.8 U	1.9 U
Carbon disulfide	UG/KG	-	-	5.2 J	NA	7.0	4.0 J	5.1 J
Chloroform	UG/KG	12000	10000	0.81 J	NA	2.3 U	1.8 U	1.9 U
Chloromethane	UG/KG	-	-	5.5 U	NA	5.6 U	4.5 U	4.6 U
Ethylbenzene	UG/KG	NS	30000	2.2 U	NA	2.3 U	1.8 U	1.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	14.2 J	NA	19.8 J	8.6 J	10.4 J
Methylene chloride	UG/KG	12000	51000	2.2 U	NA	0.64 J	0.44 J	1.9 U
Tetrachloroethene	UG/KG	2000	5500	2.2 U	NA	2.3 U	1.8 U	1.9 U
Toluene	UG/KG	36000	100000	5.5 U	NA	5.6 U	4.5 U	4.6 U
Trichloroethene	UG/KG	2000	10000	96.3	NA	4.0	2.2 J	10.7
Vinyl chloride	UG/KG	NS	210	2.2 U	NA	2.3 U	1.8 U	1.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6605-FP-S	6660-FP-S	6660-FP-S	6660-FP-S	6660-FP-S
Sample ID				6605-FP-S-12-24	6660-FP-S-0-2	6660-FP-S-0-6	6660-FP-S-6-12	6660-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.2 U	NA	2.3 U	1.8 U	1.9 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
2,4-Dimethylphenol	UG/KG	-	-	630 U	670 U	NA	570 U	580 U
2-Methylnaphthalene	UG/KG	-	-	130 U	130 U	NA	110 U	120 U
2-Nitroaniline	UG/KG	-	-	630 U	670 U	NA	570 U	580 U
3&4-Methylphenol	UG/KG	NS	34000	630 U	670 U	NA	570 U	580 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
4-Chloroaniline	UG/KG	-	-	630 U	670 U	NA	570 U	580 U
Acenaphthene	UG/KG	20000	100000	54.9 J	44.5 J	NA	30.4 J	120 U
Acenaphthylene	UG/KG	NS	100000	13.2 J	130 U	NA	110 U	120 U
Anthracene	UG/KG	NS	100000	97.1 J	99.9 J	NA	69.6 J	21.6 J
Benzo(a)anthracene	UG/KG	NS	1000	446	713	NA	386	99.4 J
Benzo(a)pyrene	UG/KG	2600	1000	500	748	NA	437	151
Benzo(b)fluoranthene	UG/KG	NS	1000	529	761	NA	441	140
Benzo(g,h,i)perylene	UG/KG	NS	100000	312	533	NA	303	69.9 J
Benzo(k)fluoranthene	UG/KG	NS	1000	435	637	NA	388	138

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6605-FP-S	6660-FP-S	6660-FP-S	6660-FP-S	6660-FP-S
Sample ID				6605-FP-S-12-24	6660-FP-S-0-2	6660-FP-S-0-6	6660-FP-S-6-12	6660-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	310 U	97.2 J	NA	92.1 J	83.4 J
Butylbenzylphthalate	UG/KG	-	-	58.0 J	330 U	NA	280 U	290 U
Carbazole	UG/KG	-	-	87.9 J	86.1 J	NA	68.1 J	14.5 J
Chrysene	UG/KG	NS	1000	516	809	NA	453	114 J
Dibenz(a,h)anthracene	UG/KG	NS	330	115 J	176	NA	117	70.0 J
Dibenzofuran	UG/KG	NS	14000	23.7 J	130 U	NA	13.8 J	120 U
Dimethylphthalate	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
Di-n-butylphthalate	UG/KG	-	-	310 U	43.0 J	NA	280 U	290 U
Di-n-octylphthalate	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
Fluoranthene	UG/KG	NS	100000	1,020	1,310	NA	884	207
Fluorene	UG/KG	30000	100000	45.3 J	37.0 J	NA	28.9 J	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	394	572	NA	364	158
Isophorone	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
Naphthalene	UG/KG	NS	100000	13.3 J	130 U	NA	110 U	120 U
Nitrobenzene	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	330 U	NA	280 U	290 U
Phenanthrene	UG/KG	NS	100000	556	521	NA	425	87.8 J
Phenol	UG/KG	30000	100000	310 U	330 U	NA	280 U	290 U
Pyrene	UG/KG	NS	100000	892	1,150	NA	754	185

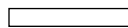
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6605-FP-S	6660-FP-S	6660-FP-S	6660-FP-S	6660-FP-S
Sample ID				6605-FP-S-12-24	6660-FP-S-0-2	6660-FP-S-0-6	6660-FP-S-6-12	6660-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	46 U	NA	38 U	39 U
Aroclor 1254	UG/KG	-	-	110	45.1 J	NA	47.3	49.8
Aroclor 1260	UG/KG	-	-	319	189	NA	205	168
Total Polychlorinated Biphenyls	UG/KG	1000	1000	429	234.1	NA	252.3	217.8
Metals								
Arsenic	MG/KG	13	16	5.0	4.5	NA	4.5	5.0
Barium	MG/KG	433	350	63.7	64.2	NA	64.8	64.7
Cadmium	MG/KG	4	2.5	0.48	0.54	NA	0.42	0.31 J
Chromium	MG/KG	41	36	16.8	14.6	NA	13.4	13.8
Lead	MG/KG	63	400	28.5	24.7	NA	22.2	17.5
Mercury	MG/KG	0.18	0.81	0.078	0.058	NA	0.043	0.050
Selenium	MG/KG	3.9	36	0.88 U	1 U	NA	0.91 U	0.89 U
Silver	MG/KG	2	36	0.45	0.51 U	NA	0.46 U	0.44 U

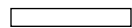
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6660-FP-S	6735-FP-S	6735-FP-S	6735-FP-S	6735-FP-S
Sample ID				DUP-10	6735-FP-S-0-2	6735-FP-S-0-6	6735-FP-S-6-12	6735-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.8 U	NA	1.9 U	2 U	2.1 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.8 U	NA	1.9 U	2 U	2.1 U
1,1-Dichloroethene	UG/KG	NS	100000	1.8 U	NA	1.9 U	2 U	2.1 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.1	NA	0.87 J	0.94 J	2.2
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.8 U	NA	1.9 U	2 U	2.1 U
2-Hexanone	UG/KG	-	-	9.2 U	NA	9.5 U	9.9 U	10 U
4-Methyl-2-pentanone	UG/KG	-	-	4.6 U	NA	4.7 U	4.9 U	5.2 U
Acetone	UG/KG	2200	100000	55.7 J	NA	84.5 J	69.4 J	64.8 J
Benzene	UG/KG	70000	2900	0.52	NA	0.41 J	0.68	0.50 J
Bromomethane	UG/KG	-	-	1.8 U	NA	1.9 U	2 U	2.1 U
Carbon disulfide	UG/KG	-	-	10.4 J	NA	6.0	9.6	19.1
Chloroform	UG/KG	12000	10000	1.8 U	NA	1.9 U	2 U	2.1 U
Chloromethane	UG/KG	-	-	4.6 UJ	NA	4.7 UJ	4.9 UJ	5.2 UJ
Ethylbenzene	UG/KG	NS	30000	1.8 U	NA	1.9 U	2 U	2.1 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	5.6 J	NA	9.2 J	7.2 J	5.3 J
Methylene chloride	UG/KG	12000	51000	0.85 J	NA	1.0 J	1.4 J	1.0 J
Tetrachloroethene	UG/KG	2000	5500	1.8 U	NA	1.9 U	2 U	2.1 U
Toluene	UG/KG	36000	100000	4.6 U	NA	4.7 U	4.9 U	5.2 U
Trichloroethene	UG/KG	2000	10000	8.4	NA	2.3	4.2	11.1
Vinyl chloride	UG/KG	NS	210	1.8 UJ	NA	1.9 UJ	2 UJ	2.1 UJ

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6660-FP-S	6735-FP-S	6735-FP-S	6735-FP-S	6735-FP-S
Sample ID				DUP-10	6735-FP-S-0-2	6735-FP-S-0-6	6735-FP-S-6-12	6735-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.8 U	NA	1.9 U	2 U	2.1 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
1,2-Dichlorobenzene	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
1,3-Dichlorobenzene	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
1,4-Dichlorobenzene	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
2,4-Dimethylphenol	UG/KG	-	-	580 U	690 U	NA	610 U	640 U
2-Methylnaphthalene	UG/KG	-	-	120 U	17.5 J	NA	120 U	130 U
2-Nitroaniline	UG/KG	-	-	580 U	690 U	NA	610 U	640 U
3&4-Methylphenol	UG/KG	NS	34000	580 U	690 U	NA	610 U	640 U
4-Bromophenyl-phenylether	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
4-Chloroaniline	UG/KG	-	-	580 U	690 U	NA	610 U	640 U
Acenaphthene	UG/KG	20000	100000	20.1 J	72.4 J	NA	23.4 J	14.1 J
Acenaphthylene	UG/KG	NS	100000	120 U	140 U	NA	120 U	130 U
Anthracene	UG/KG	NS	100000	46.1 J	175	NA	54.8 J	32.0 J
Benzo(a)anthracene	UG/KG	NS	1000	148	513	NA	216	128 J
Benzo(a)pyrene	UG/KG	2600	1000	196	529	NA	259	179
Benzo(b)fluoranthene	UG/KG	NS	1000	165	483	NA	232	160
Benzo(g,h,i)perylene	UG/KG	NS	100000	91.0 J	349	NA	144	82.1 J
Benzo(k)fluoranthene	UG/KG	NS	1000	160	468	NA	227	160

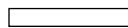
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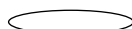
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6660-FP-S	6735-FP-S	6735-FP-S	6735-FP-S	6735-FP-S
Sample ID				DUP-10	6735-FP-S-0-2	6735-FP-S-0-6	6735-FP-S-6-12	6735-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	79.4 J	350 U	NA	310 U	91.0 J
Butylbenzylphthalate	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
Carbazole	UG/KG	-	-	28.5 J	104 J	NA	45.8 J	24.5 J
Chrysene	UG/KG	NS	1000	150	533	NA	228	130
Dibenz(a,h)anthracene	UG/KG	NS	330	74.8 J	132 J	NA	85.6 J	130 U
Dibenzofuran	UG/KG	NS	14000	120 U	38.2 J	NA	120 U	130 U
Dimethylphthalate	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
Di-n-butylphthalate	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
Di-n-octylphthalate	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
Fluoranthene	UG/KG	NS	100000	324	1,190	NA	497	284
Fluorene	UG/KG	30000	100000	120 U	75.7 J	NA	21.2 J	130 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	178	432	NA	232	173
Isophorone	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
Naphthalene	UG/KG	NS	100000	120 U	32.4 J	NA	120 U	130 U
Nitrobenzene	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	290 U	350 U	NA	310 U	320 U
Phenanthrene	UG/KG	NS	100000	188	727	NA	282	157
Phenol	UG/KG	30000	100000	290 U	350 U	NA	310 U	320 U
Pyrene	UG/KG	NS	100000	275	1,010	NA	420	237

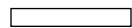
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Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6660-FP-S	6735-FP-S	6735-FP-S	6735-FP-S	6735-FP-S
Sample ID				DUP-10	6735-FP-S-0-2	6735-FP-S-0-6	6735-FP-S-6-12	6735-FP-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	38 U	47 U	NA	41 U	43 U
Aroclor 1254	UG/KG	-	-	48.8	27.4 J	NA	98.5	58.4
Aroclor 1260	UG/KG	-	-	140	105	NA	386	215
Total Polychlorinated Biphenyls	UG/KG	1000	1000	188.8	132.4	NA	484.5	273.4
Metals								
Arsenic	MG/KG	13	16	5.2	4.2	NA	5.0	6.5
Barium	MG/KG	433	350	71.6	65.7	NA	101	67.3
Cadmium	MG/KG	4	2.5	0.34 J	0.42	NA	0.70	0.49
Chromium	MG/KG	41	36	15.5	12.5	NA	13.6	16.7
Lead	MG/KG	63	400	19.8	16.9	NA	23.9	23.3
Mercury	MG/KG	0.18	0.81	0.048	0.055	NA	0.083	0.079
Selenium	MG/KG	3.9	36	0.9 U	1 U	NA	0.92 U	0.97 U
Silver	MG/KG	2	36	0.45 U	0.51 U	NA	0.46 U	0.41 J

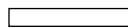
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6775-FP-S	6775-FP-S	6775-FP-S	6775-FP-S	6790-FP-N
Sample ID				6775-FP-S-0-2	6775-FP-S-0-6	6775-FP-S-6-12	6775-FP-S-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.1 U	1.7 U	2 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.1 U	1.7 U	2 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.1 U	1.7 U	2 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	5.9	6.6 J	6.0 J	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.1 U	1.7 U	2 U	NA
2-Hexanone	UG/KG	-	-	NA	10 U	8.6 U	9.8 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	5.2 U	4.3 U	4.9 U	NA
Acetone	UG/KG	2200	100000	NA	162 J	81.3 J	55.2 J	NA
Benzene	UG/KG	70000	2900	NA	0.54	0.34 J	0.54 J	NA
Bromomethane	UG/KG	-	-	NA	2.1 U	1.9 U	1.8 U	NA
Carbon disulfide	UG/KG	-	-	NA	11.9	10.1 J	15.3 J	NA
Chloroform	UG/KG	12000	10000	NA	2.1 U	1.7 U	2 U	NA
Chloromethane	UG/KG	-	-	NA	5.2 UJ	4.8 U	4.5 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.1 U	1.7 U	2 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	16.0 J	7.5 J	5.9 J	NA
Methylene chloride	UG/KG	12000	51000	NA	0.90 J	1.1 J	1.3 J	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.1 U	1.7 U	2 U	NA
Toluene	UG/KG	36000	100000	NA	5.2 U	1.1 J	0.59 J	NA
Trichloroethene	UG/KG	2000	10000	NA	5.7	5.1 J	9.4 J	NA
Vinyl chloride	UG/KG	NS	210	NA	2.1 UJ	1.9 U	1.8 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6775-FP-S	6775-FP-S	6775-FP-S	6775-FP-S	6790-FP-N
Sample ID				6775-FP-S-0-2	6775-FP-S-0-6	6775-FP-S-6-12	6775-FP-S-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.1 U	1.7 U	2 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	330 U	NA	300 U	300 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	330 U	NA	300 U	300 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	330 U	NA	300 U	300 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	330 U	NA	300 U	300 U	NA
2,4-Dimethylphenol	UG/KG	-	-	660 U	NA	600 U	590 U	NA
2-Methylnaphthalene	UG/KG	-	-	130 U	NA	120 U	54.0 J	NA
2-Nitroaniline	UG/KG	-	-	660 U	NA	600 U	590 U	NA
3&4-Methylphenol	UG/KG	NS	34000	660 U	NA	600 U	590 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	330 U	NA	300 U	300 U	NA
4-Chloroaniline	UG/KG	-	-	660 U	NA	600 U	590 U	NA
Acenaphthene	UG/KG	20000	100000	38.7 J	NA	120 U	262	NA
Acenaphthylene	UG/KG	NS	100000	130 U	NA	120 U	120 U	NA
Anthracene	UG/KG	NS	100000	82.3 J	NA	33.1 J	570	NA
Benzo(a)anthracene	UG/KG	NS	1000	398	NA	119 J	977	NA
Benzo(a)pyrene	UG/KG	2600	1000	432	NA	195	796	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	424	NA	162	650	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	285	NA	108 J	436	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	371	NA	161	687	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6775-FP-S	6775-FP-S	6775-FP-S	6775-FP-S	6790-FP-N
Sample ID				6775-FP-S-0-2	6775-FP-S-0-6	6775-FP-S-6-12	6775-FP-S-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	330 U	NA	300 U	300 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	330 U	NA	111 J	300 U	NA
Butylbenzylphthalate	UG/KG	-	-	330 U	NA	300 U	300 U	430 U
Carbazole	UG/KG	-	-	67.3 J	NA	21.9 J	306	NA
Chrysene	UG/KG	NS	1000	431	NA	134	839	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	123 J	NA	77.1 J	174	NA
Dibenzofuran	UG/KG	NS	14000	13.7 J	NA	120 U	133	NA
Dimethylphthalate	UG/KG	-	-	330 U	NA	300 U	300 U	NA
Di-n-butylphthalate	UG/KG	-	-	330 U	NA	20.2 J	300 U	NA
Di-n-octylphthalate	UG/KG	-	-	330 U	NA	300 U	300 U	NA
Fluoranthene	UG/KG	NS	100000	865	NA	266	2,090	NA
Fluorene	UG/KG	30000	100000	34.4 J	NA	120 U	242	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	355	NA	192	540	NA
Isophorone	UG/KG	-	-	330 U	NA	1,130	300 U	NA
Naphthalene	UG/KG	NS	100000	130 U	NA	120 U	117 J	NA
Nitrobenzene	UG/KG	-	-	330 U	NA	300 U	300 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	330 U	NA	300 U	300 U	NA
Phenanthrene	UG/KG	NS	100000	427	NA	157	1,850	NA
Phenol	UG/KG	30000	100000	330 U	NA	300 U	300 U	NA
Pyrene	UG/KG	NS	100000	762	NA	238	1,670	NA

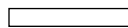
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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6775-FP-S	6775-FP-S	6775-FP-S	6775-FP-S	6790-FP-N
Sample ID				6775-FP-S-0-2	6775-FP-S-0-6	6775-FP-S-6-12	6775-FP-S-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	44 U	NA	41 U	39 U	NA
Aroclor 1254	UG/KG	-	-	36.4 J	NA	30.8 J	26.8 J	NA
Aroclor 1260	UG/KG	-	-	175	NA	131	92.9	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	211.4	NA	161.8	119.7	NA
Metals								
Arsenic	MG/KG	13	16	4.9	NA	5.3	5.2	NA
Barium	MG/KG	433	350	63.8	NA	70.5	63.5	NA
Cadmium	MG/KG	4	2.5	0.45	NA	0.44	0.39	NA
Chromium	MG/KG	41	36	14.4	NA	14.9	13.4	NA
Lead	MG/KG	63	400	20.0	NA	17.7	16.3	NA
Mercury	MG/KG	0.18	0.81	0.055	NA	0.056	0.055	NA
Selenium	MG/KG	3.9	36	0.99 U	NA	0.93 U	0.91 U	NA
Silver	MG/KG	2	36	0.099 J	NA	0.075 J	0.073 J	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-L
Sample ID				6790-FP-N-H-0-2	6790-FP-N-H-0-6	6790-FP-N-H-6-12	6790-FP-N-H-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.4 U	2 U	1.8 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.4 U	2 U	1.8 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.4 U	2 U	1.8 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.4 U	2 U	1.8 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.4 U	2 U	1.8 U	NA
2-Hexanone	UG/KG	-	-	NA	12 U	9.9 U	9 U	NA
4-Methyl-2-pentanone	UG/KG	-	-	NA	5.9 U	5 U	4.5 U	NA
Acetone	UG/KG	2200	100000	NA	70.7	40.0	24.0	NA
Benzene	UG/KG	70000	2900	NA	0.63	0.60	0.45	NA
Bromomethane	UG/KG	-	-	NA	2.4 U	2 U	1.8 U	NA
Carbon disulfide	UG/KG	-	-	NA	1.4 J	1.3 J	1.2 J	NA
Chloroform	UG/KG	12000	10000	NA	2.4 U	2 U	1.8 U	NA
Chloromethane	UG/KG	-	-	NA	5.9 U	5 U	4.5 U	NA
Ethylbenzene	UG/KG	NS	30000	NA	2.4 U	2 U	1.8 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	9.5 J	7.1 J	4.5 J	NA
Methylene chloride	UG/KG	12000	51000	NA	2.4 U	0.50 J	0.42 J	NA
Tetrachloroethene	UG/KG	2000	5500	NA	2.4 U	2 U	1.8 U	NA
Toluene	UG/KG	36000	100000	NA	5.9 U	5 U	4.5 U	NA
Trichloroethene	UG/KG	2000	10000	NA	0.81 J	0.36 J	0.40 J	NA
Vinyl chloride	UG/KG	NS	210	NA	2.4 U	2 U	1.8 U	NA

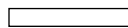
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-L
Sample ID				6790-FP-N-H-0-2	6790-FP-N-H-0-6	6790-FP-N-H-6-12	6790-FP-N-H-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	2.4 U	2 U	1.8 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
1,2-Dichlorobenzene	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
1,3-Dichlorobenzene	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
1,4-Dichlorobenzene	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
2,4-Dimethylphenol	UG/KG	-	-	730 U	NA	6,500 U	570 U	850 U
2-Methylnaphthalene	UG/KG	-	-	150 U	NA	1,300 U	110 U	170 U
2-Nitroaniline	UG/KG	-	-	730 U	NA	6,500 U	570 U	850 U
3&4-Methylphenol	UG/KG	NS	34000	730 U	NA	6,500 U	570 U	850 U
4-Bromophenyl-phenylether	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
4-Chloroaniline	UG/KG	-	-	730 U	NA	6,500 U	570 U	850 U
Acenaphthene	UG/KG	20000	100000	18.9 J	NA	1,300 U	110 U	70.5 J
Acenaphthylene	UG/KG	NS	100000	22.3 J	NA	1,300 U	19.6 J	170 U
Anthracene	UG/KG	NS	100000	58.0 J	NA	1,300 U	53.2 J	172
Benzo(a)anthracene	UG/KG	NS	1000	307	NA	1,300 U	212	838
Benzo(a)pyrene	UG/KG	2600	1000	403	NA	1,300 U	255	955
Benzo(b)fluoranthene	UG/KG	NS	1000	379	NA	1,300 U	206	939
Benzo(g,h,i)perylene	UG/KG	NS	100000	255	NA	1,300 U	145	667
Benzo(k)fluoranthene	UG/KG	NS	1000	350	NA	1,300 U	215	818

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-L
Sample ID				6790-FP-N-H-0-2	6790-FP-N-H-0-6	6790-FP-N-H-6-12	6790-FP-N-H-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	360 U	NA	3,300 U	68.0 J	430 U
Butylbenzylphthalate	UG/KG	-	-	360 U	NA	3,300 U	290 U	NA
Carbazole	UG/KG	-	-	42.3 J	NA	1,300 U	15.1 J	146 J
Chrysene	UG/KG	NS	1000	366	NA	1,300 U	214	1,010
Dibenz(a,h)anthracene	UG/KG	NS	330	150 U	NA	1,300 U	110 U	223
Dibenzofuran	UG/KG	NS	14000	150 U	NA	1,300 U	110 U	170 U
Dimethylphthalate	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
Di-n-butylphthalate	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
Di-n-octylphthalate	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
Fluoranthene	UG/KG	NS	100000	705	NA	363 J	415	1,830
Fluorene	UG/KG	30000	100000	150 U	NA	1,300 U	110 U	61.9 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	365	NA	1,300 U	227	790
Isophorone	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
Naphthalene	UG/KG	NS	100000	150 U	NA	1,300 U	110 U	170 U
Nitrobenzene	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	360 U	NA	3,300 U	290 U	430 U
Phenanthrene	UG/KG	NS	100000	281	NA	1,300 U	169	809
Phenol	UG/KG	30000	100000	360 U	NA	3,300 U	290 U	430 U
Pyrene	UG/KG	NS	100000	577	NA	297 J	352	1,560

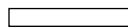
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Detection Limits shown are PQL

Advanced Selection: amk-temj

#Error

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[SITE KEY] = 4 AND [MATRIX] = 'SO

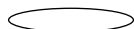
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-H	6790-FP-N-L
Sample ID				6790-FP-N-H-0-2	6790-FP-N-H-0-6	6790-FP-N-H-6-12	6790-FP-N-H-12-24	6790-FP-N-L-0-2
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	47 U	NA	43 U	37 U	58 U
Aroclor 1254	UG/KG	-	-	47 U	NA	43 U	37 U	58 U
Aroclor 1260	UG/KG	-	-	47.6	NA	37.9 J	19.6 J	625
Total Polychlorinated Biphenyls	UG/KG	1000	1000	47.6	NA	37.9	19.6	625
Metals								
Arsenic	MG/KG	13	16	6.0	NA	5.3	5.4	4.5
Barium	MG/KG	433	350	62.8	NA	53.0	63.0	62.3
Cadmium	MG/KG	4	2.5	0.43 J	NA	0.31 J	0.16 J	0.80
Chromium	MG/KG	41	36	19.3	NA	14.4	14.5	21.0
Lead	MG/KG	63	400	67.2	NA	39.8	16.5	48.6
Mercury	MG/KG	0.18	0.81	0.086	NA	0.061	0.052	0.086
Selenium	MG/KG	3.9	36	1.1 U	NA	0.96 U	0.89 U	1.3 U
Silver	MG/KG	2	36	0.20 J	NA	0.48 U	0.45 U	0.55 J

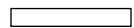
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

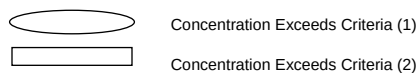
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-L	6790-FP-N-L	6790-FP-N-L	6790-FP-N-M	6790-FP-N-M
Sample ID				6790-FP-N-L-0-6	6790-FP-N-L-6-12	6790-FP-N-L-12-24	6790-FP-N-M-0-2	6790-FP-N-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	3.3 U	2.6 U	2.1 U	NA	2.5 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	3.3 U	2.6 U	2.1 U	NA	2.5 U
1,1-Dichloroethene	UG/KG	NS	100000	3.3 U	2.6 U	2.1 U	NA	2.5 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	3.3 U	1.1 J	0.77 J	NA	2.5 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	3.3 U	2.6 U	2.1 U	NA	2.5 U
2-Hexanone	UG/KG	-	-	17 U	13 U	10 U	NA	12 U
4-Methyl-2-pentanone	UG/KG	-	-	8.4 U	6.5 UJ	5.1 U	NA	6.1 U
Acetone	UG/KG	2200	100000	184 J	30.7 J	71.8 J	NA	107 J
Benzene	UG/KG	70000	2900	1.1 J	0.86 J	0.41 J	NA	0.86 J
Bromomethane	UG/KG	-	-	3.5 U	2.5 U	2.1 U	NA	2.3 U
Carbon disulfide	UG/KG	-	-	5.8 J	2.1 J	1.4 J	NA	3.7 J
Chloroform	UG/KG	12000	10000	3.3 U	2.6 U	2.1 U	NA	2.5 U
Chloromethane	UG/KG	-	-	8.7 U	6.3 U	5.1 UJ	NA	5.7 U
Ethylbenzene	UG/KG	NS	30000	3.3 U	2.6 U	2.1 U	NA	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	34.5 J	R	4.5 J	NA	16.6 J
Methylene chloride	UG/KG	12000	51000	2.1 J	1.6 J	1.0 J	NA	2.0 J
Tetrachloroethene	UG/KG	2000	5500	3.3 U	2.6 U	2.1 U	NA	2.5 U
Toluene	UG/KG	36000	100000	1.3 J	0.98 J	5.1 U	NA	0.67 J
Trichloroethene	UG/KG	2000	10000	0.93 J	1.0 J	0.72 J	NA	0.60 J
Vinyl chloride	UG/KG	NS	210	3.5 U	2.5 U	2.1 UJ	NA	2.3 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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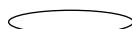
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-L	6790-FP-N-L	6790-FP-N-L	6790-FP-N-M	6790-FP-N-M
Sample ID				6790-FP-N-L-0-6	6790-FP-N-L-6-12	6790-FP-N-L-12-24	6790-FP-N-M-0-2	6790-FP-N-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	3.3 U	2.6 U	2.1 U	NA	2.5 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	330 U	310 U	390 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	NA	330 U	310 U	390 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	NA	330 U	310 U	390 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	NA	330 U	310 U	390 U	NA
2,4-Dimethylphenol	UG/KG	-	-	NA	670 U	620 U	780 U	NA
2-Methylnaphthalene	UG/KG	-	-	NA	128 J	24.1 J	160 U	NA
2-Nitroaniline	UG/KG	-	-	NA	670 U	620 U	780 U	NA
3&4-Methylphenol	UG/KG	NS	34000	NA	670 U	620 U	780 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	NA	330 U	310 U	390 U	NA
4-Chloroaniline	UG/KG	-	-	NA	670 U	620 U	780 U	NA
Acenaphthene	UG/KG	20000	100000	NA	380	121	160 U	NA
Acenaphthylene	UG/KG	NS	100000	NA	45.3 J	24.2 J	160 U	NA
Anthracene	UG/KG	NS	100000	NA	616	282	160 U	NA
Benzo(a)anthracene	UG/KG	NS	1000	NA	2,110	680	71.2 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	NA	2,010	578	160 U	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	1,760	487	160 U	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	1,290	314	160 U	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	1,570	507	160 U	NA

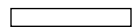
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

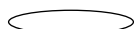
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-L	6790-FP-N-L	6790-FP-N-L	6790-FP-N-M	6790-FP-N-M
Sample ID				6790-FP-N-L-0-6	6790-FP-N-L-6-12	6790-FP-N-L-12-24	6790-FP-N-M-0-2	6790-FP-N-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	330 U	310 U	390 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Butylbenzylphthalate	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Carbazole	UG/KG	-	-	NA	446	133	160 U	NA
Chrysene	UG/KG	NS	1000	NA	2,200	611	74.3 J	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	345	120 U	160 U	NA
Dibenzofuran	UG/KG	NS	14000	NA	244	63.2 J	160 U	NA
Dimethylphthalate	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Di-n-butylphthalate	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Di-n-octylphthalate	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Fluoranthene	UG/KG	NS	100000	NA	5,210	1,440	131 J	NA
Fluorene	UG/KG	30000	100000	NA	391	120 U	160 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	1,360	404	160 U	NA
Isophorone	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Naphthalene	UG/KG	NS	100000	NA	275	37.4 J	160 U	NA
Nitrobenzene	UG/KG	-	-	NA	330 U	310 U	390 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	330 U	310 U	390 U	NA
Phenanthrene	UG/KG	NS	100000	NA	4,190	1,120	50.0 J	NA
Phenol	UG/KG	30000	100000	NA	330 U	310 U	390 U	NA
Pyrene	UG/KG	NS	100000	NA	4,510	1,210	111 J	NA

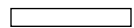
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-L	6790-FP-N-L	6790-FP-N-L	6790-FP-N-M	6790-FP-N-M
Sample ID				6790-FP-N-L-0-6	6790-FP-N-L-6-12	6790-FP-N-L-12-24	6790-FP-N-M-0-2	6790-FP-N-M-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.5	0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	NA	43 U	41 U	51 U	NA
Aroclor 1254	UG/KG	-	-	NA	43 U	41 U	51 U	NA
Aroclor 1260	UG/KG	-	-	NA	1,150 D	106	26.2 J	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	NA	1,150	106	26.2	NA
Metals								
Arsenic	MG/KG	13	16	NA	5.6	5.2	5.4	NA
Barium	MG/KG	433	350	NA	66.8	78.9	61.5	NA
Cadmium	MG/KG	4	2.5	NA	0.98	1.4	0.41 J	NA
Chromium	MG/KG	41	36	NA	24.0	24.5	17.4	NA
Lead	MG/KG	63	400	NA	64.2	42.3	41.5	NA
Mercury	MG/KG	0.18	0.81	NA	0.12	0.10	0.054	NA
Selenium	MG/KG	3.9	36	NA	0.97 U	0.98 U	1.1 U	NA
Silver	MG/KG	2	36	NA	1.1	0.89	0.19 J	NA

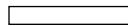
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-M	6790-FP-N-M	6820-FP-S	6820-FP-S	6820-FP-S
Sample ID				6790-FP-N-M-6-12	6790-FP-N-M-12-24	6820-FP-S-0-2	6820-FP-S-0-6	6820-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.1 U	1.7 U	NA	1.9 U	2.5 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.1 U	1.7 U	NA	1.9 U	2.5 U
1,1-Dichloroethene	UG/KG	NS	100000	2.1 U	1.7 U	NA	1.9 U	2.5 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.1 U	1.7 U	NA	2.1 J	2.0 J
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.1 U	1.7 U	NA	1.9 U	2.5 U
2-Hexanone	UG/KG	-	-	11 U	8.6 U	NA	9.3 U	13 U
4-Methyl-2-pentanone	UG/KG	-	-	5.3 U	4.3 U	NA	4.6 U	6.3 U
Acetone	UG/KG	2200	100000	76.9 J	56.3	NA	84.4 J	108 J
Benzene	UG/KG	70000	2900	0.75 J	0.57	NA	0.43 J	0.66 J
Bromomethane	UG/KG	-	-	1.9 U	1.7 U	NA	1.9 U	2.4 U
Carbon disulfide	UG/KG	-	-	4.4 J	1.8 J	NA	13.8 J	8.7 J
Chloroform	UG/KG	12000	10000	2.1 U	1.7 U	NA	1.9 U	2.5 U
Chloromethane	UG/KG	-	-	4.7 U	4.3 U	NA	4.9 U	6 U
Ethylbenzene	UG/KG	NS	30000	2.1 U	1.7 U	NA	1.9 U	2.5 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	10.7 J	97.7 J	NA	10.3 J	14.4 J
Methylene chloride	UG/KG	12000	51000	1.7 J	1.7 U	NA	0.91 J	1.5 J
Tetrachloroethene	UG/KG	2000	5500	2.1 U	1.7 U	NA	1.9 U	2.5 U
Toluene	UG/KG	36000	100000	0.56 J	4.3 U	NA	4.6 UJ	6.3 UJ
Trichloroethene	UG/KG	2000	10000	0.61 J	0.44 J	NA	1.9 J	6.4 J
Vinyl chloride	UG/KG	NS	210	1.9 U	1.7 U	NA	1.9 U	2.4 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

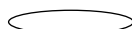
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-M	6790-FP-N-M	6820-FP-S	6820-FP-S	6820-FP-S
Sample ID				6790-FP-N-M-6-12	6790-FP-N-M-12-24	6820-FP-S-0-2	6820-FP-S-0-6	6820-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.1 U	1.7 U	NA	1.9 U	2.5 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
1,2-Dichlorobenzene	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
1,3-Dichlorobenzene	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
1,4-Dichlorobenzene	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
2,4-Dimethylphenol	UG/KG	-	-	640 U	580 U	4,000 U	NA	6,600 U
2-Methylnaphthalene	UG/KG	-	-	26.0 J	30.8 J	800 U	NA	297 J
2-Nitroaniline	UG/KG	-	-	640 U	580 U	4,000 U	NA	6,600 U
3&4-Methylphenol	UG/KG	NS	34000	640 U	580 U	4,000 U	NA	6,600 U
4-Bromophenyl-phenylether	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
4-Chloroaniline	UG/KG	-	-	640 U	580 U	4,000 U	NA	6,600 U
Acenaphthene	UG/KG	20000	100000	297	120 U	463 J	NA	2,290
Acenaphthylene	UG/KG	NS	100000	101 J	56.1 J	800 U	NA	257 J
Anthracene	UG/KG	NS	100000	1,080	345	1,170	NA	5,560
Benzo(a)anthracene	UG/KG	NS	1000	2,540	1,000	5,560	NA	34,300
Benzo(a)pyrene	UG/KG	2600	1000	2,070	941	5,580	NA	30,300
Benzo(b)fluoranthene	UG/KG	NS	1000	1,770	804	5,390	NA	30,000
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,330	578	3,510	NA	19,300
Benzo(k)fluoranthene	UG/KG	NS	1000	1,680	783	4,820	NA	26,500

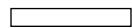
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-M	6790-FP-N-M	6820-FP-S	6820-FP-S	6820-FP-S
Sample ID				6790-FP-N-M-6-12	6790-FP-N-M-12-24	6820-FP-S-0-2	6820-FP-S-0-6	6820-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Butylbenzylphthalate	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Carbazole	UG/KG	-	-	309	159	926	NA	6,160
Chrysene	UG/KG	NS	1000	2,200	901	6,070	NA	37,900
Dibenz(a,h)anthracene	UG/KG	NS	330	437	198	1,200	NA	7,000
Dibenzofuran	UG/KG	NS	14000	203	67.6 J	221 J	NA	950 J
Dimethylphthalate	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Di-n-butylphthalate	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Di-n-octylphthalate	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Fluoranthene	UG/KG	NS	100000	5,620	2,020	11,500	NA	74,500
Fluorene	UG/KG	30000	100000	410	120 U	451 J	NA	1,990
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	1,460	678	4,160	NA	20,700
Isophorone	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Naphthalene	UG/KG	NS	100000	21.9 J	44.9 J	800 U	NA	441 J
Nitrobenzene	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	320 U	290 U	2,000 U	NA	3,300 U
Phenanthrene	UG/KG	NS	100000	3,780	1,290	5,420	NA	33,900
Phenol	UG/KG	30000	100000	320 U	290 U	2,000 U	NA	3,300 U
Pyrene	UG/KG	NS	100000	4,340	1,620	9,780	NA	62,000

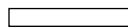
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6790-FP-N-M	6790-FP-N-M	6820-FP-S	6820-FP-S	6820-FP-S
Sample ID				6790-FP-N-M-6-12	6790-FP-N-M-12-24	6820-FP-S-0-2	6820-FP-S-0-6	6820-FP-S-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	39 U	53 U	NA	43 U
Aroclor 1254	UG/KG	-	-	42 U	39 U	137	NA	43 U
Aroclor 1260	UG/KG	-	-	35.8 J	43.3	460	NA	1,920 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	35.8	43.3	597	NA	1,920
Metals								
Arsenic	MG/KG	13	16	5.5	5.4	6.7	NA	5.3
Barium	MG/KG	433	350	62.3	68.4	67.6	NA	50.1
Cadmium	MG/KG	4	2.5	0.39	0.37 U	1.3	NA	0.87
Chromium	MG/KG	41	36	16.4	16.7	26.6	NA	36.7
Lead	MG/KG	63	400	32.5	19.0	48.7	NA	80.3
Mercury	MG/KG	0.18	0.81	0.049	0.045	0.084	NA	0.11
Selenium	MG/KG	3.9	36	0.94 U	0.93 U	1.2 U	NA	0.99 U
Silver	MG/KG	2	36	0.47 U	0.46 U	4.6	NA	0.65

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6820-FP-S	6820-FP-S	6840-OF-007	6840-OF-007	6840-OF-007
Sample ID				6820-FP-S-12-24	DUP-11	6840-OF-007-0-2	6840-OF-007-0-6	6840-OF-007-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.5 U	360 U	NA	420 U	420 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.5 U	360 U	NA	420 U	420 U
1,1-Dichloroethene	UG/KG	NS	100000	2.5 U	360 U	NA	420 U	420 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	180 J	2,930 J	NA	420 U	745
1,2-Dichloroethene (trans)	UG/KG	NS	100000	3.2 J	360 U	NA	420 U	420 U
2-Hexanone	UG/KG	-	-	12 U	1,800 U	NA	2,100 U	2,100 U
4-Methyl-2-pentanone	UG/KG	-	-	6.2 UJ	890 U	NA	1,000 U	1,000 U
Acetone	UG/KG	2200	100000	65.8 J	R	NA	R	R
Benzene	UG/KG	70000	2900	0.54 J	89 U	NA	100 U	100 U
Bromomethane	UG/KG	-	-	2.6 U	360 U	NA	420 U	420 U
Carbon disulfide	UG/KG	-	-	4.0 J	890 U	NA	1,000 U	1,000 U
Chloroform	UG/KG	12000	10000	2.5 U	360 U	NA	420 U	420 U
Chloromethane	UG/KG	-	-	6.5 U	890 U	NA	1,000 U	1,000 U
Ethylbenzene	UG/KG	NS	30000	2.5 U	360 U	NA	420 U	420 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	R	NA	R	R
Methylene chloride	UG/KG	12000	51000	0.93 J	360 U	NA	420 U	420 U
Tetrachloroethene	UG/KG	2000	5500	2.5 U	360 U	NA	420 U	420 U
Toluene	UG/KG	36000	100000	6.2 UJ	174 J	NA	1,000 U	200 J
Trichloroethene	UG/KG	2000	10000	82.0 J	689 J	NA	1,780	5,680
Vinyl chloride	UG/KG	NS	210	3.0 J	360 U	NA	420 U	420 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6820-FP-S	6820-FP-S	6840-OF-007	6840-OF-007	6840-OF-007
Sample ID				6820-FP-S-12-24	DUP-11	6840-OF-007-0-2	6840-OF-007-0-6	6840-OF-007-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.5 U	306 J	NA	420 U	420 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
1,2-Dichlorobenzene	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
1,3-Dichlorobenzene	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
1,4-Dichlorobenzene	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
2,4-Dimethylphenol	UG/KG	-	-	69,000 U	15,000 U	3,400 U	NA	4,000 U
2-Methylnaphthalene	UG/KG	-	-	6,130 J	9,120	143 J	NA	176 J
2-Nitroaniline	UG/KG	-	-	69,000 U	15,000 U	3,400 U	NA	4,000 U
3&4-Methylphenol	UG/KG	NS	34000	69,000 U	15,000 U	3,400 U	NA	4,000 U
4-Bromophenyl-phenylether	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
4-Chloroaniline	UG/KG	-	-	69,000 U	15,000 U	3,400 U	NA	4,000 U
Acenaphthene	UG/KG	20000	100000	33,800	37,000	585 J	NA	1,040
Acenaphthylene	UG/KG	NS	100000	14,000 U	918 J	97.0 J	NA	800 U
Anthracene	UG/KG	NS	100000	50,300	42,100	1,060	NA	1,710
Benzo(a)anthracene	UG/KG	NS	1000	150,000	140,000	6,170	NA	6,660
Benzo(a)pyrene	UG/KG	2600	1000	124,000	114,000	6,330	NA	6,570
Benzo(b)fluoranthene	UG/KG	NS	1000	114,000	123,000	6,020	NA	6,390
Benzo(g,h,i)perylene	UG/KG	NS	100000	68,100	65,200	4,510	NA	4,340
Benzo(k)fluoranthene	UG/KG	NS	1000	107,000	97,800	5,720	NA	5,610

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6820-FP-S	6820-FP-S	6840-OF-007	6840-OF-007	6840-OF-007
Sample ID				6820-FP-S-12-24	DUP-11	6840-OF-007-0-2	6840-OF-007-0-6	6840-OF-007-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	7,460 J	7,300 U	1,700 U	NA	2,000 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Butylbenzylphthalate	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Carbazole	UG/KG	-	-	42,000	42,200	1,070	NA	1,510
Chrysene	UG/KG	NS	1000	156,000	152,000	7,210	NA	7,510
Dibenz(a,h)anthracene	UG/KG	NS	330	23,800	25,700	1,350	NA	1,370
Dibenzofuran	UG/KG	NS	14000	17,200	19,800	297 J	NA	540 J
Dimethylphthalate	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Di-n-butylphthalate	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Di-n-octylphthalate	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Fluoranthene	UG/KG	NS	100000	376,000	549,000 D	14,200	NA	15,900
Fluorene	UG/KG	30000	100000	27,700	28,800	486 J	NA	973
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	82,600	73,400	4,900	NA	4,720
Isophorone	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Naphthalene	UG/KG	NS	100000	8,320 J	9,670	239 J	NA	265 J
Nitrobenzene	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	35,000 U	7,300 U	1,700 U	NA	2,000 U
Phenanthrene	UG/KG	NS	100000	279,000	391,000 D	7,490	NA	9,950
Phenol	UG/KG	30000	100000	35,000 U	7,300 U	1,700 U	NA	2,000 U
Pyrene	UG/KG	NS	100000	288,000	382,000 D	12,100	NA	12,800

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6820-FP-S	6820-FP-S	6840-OF-007	6840-OF-007	6840-OF-007
Sample ID				6820-FP-S-12-24	DUP-11	6840-OF-007-0-2	6840-OF-007-0-6	6840-OF-007-6-12
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	1.0-2.0	0.0-0.2	0.0-0.5	0.5-1.0
Date Sampled				05/02/16	05/02/16	05/02/16	05/02/16	05/02/16
Parameter	Units	Criteria (1)	Criteria (2)		Field Duplicate (1-1)			
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	46 U	480 U	46 U	NA	530 U
Aroclor 1254	UG/KG	-	-	46 U	480 U	215	NA	530 U
Aroclor 1260	UG/KG	-	-	8,910 D	6,220	728	NA	16,800 D
Total Polychlorinated Biphenyls	UG/KG	1000	1000	8,910	6,220	943	NA	16,800
Metals								
Arsenic	MG/KG	13	16	5.8	6.3	5.5	NA	6.0
Barium	MG/KG	433	350	88.8	84.2	70.9	NA	78.2
Cadmium	MG/KG	4	2.5	1.3	1.5	0.80	NA	1.1
Chromium	MG/KG	41	36	38.3	42.8	41.3	NA	47.8
Lead	MG/KG	63	400	126	138	69.9	NA	113
Mercury	MG/KG	0.18	0.81	0.15	0.16	0.14	NA	0.15
Selenium	MG/KG	3.9	36	1 U	1.1 U	1 U	NA	1.1 U
Silver	MG/KG	2	36	1.6	2.4	0.093 J	NA	0.23 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6840-OF-007	6840-OFB-007	6900-C	6900-C	6950-SB-N
Sample ID				6840-OF-007-12-24	6840-OFB-007	6900-C-1-1.5	6900-C-4-4.5	6950-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.1-0.2	1.0-1.5	4.0-4.5	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
1,1-Dichloroethene	UG/KG	NS	100000	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	952	0.65 J	8.0 UJ	2.2 U	2.2 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
2-Hexanone	UG/KG	-	-	1,300 U	9.1 U	40 UJ	11 UJ	11 U
4-Methyl-2-pentanone	UG/KG	-	-	640 U	4.6 UJ	20 UJ	5.5 UJ	5.6 U
Acetone	UG/KG	2200	100000	R	54.1 J	231 J	27.8 J	38.0
Benzene	UG/KG	70000	2900	64 U	0.46 UJ	2.0 UJ	0.55 UJ	0.61
Bromomethane	UG/KG	-	-	260 U	2.6 U	8.0 UJ	2.2 U	2.2 U
Carbon disulfide	UG/KG	-	-	640 U	3.4 J	5.8 J	3.1 J	1.1 J
Chloroform	UG/KG	12000	10000	260 U	1.8 U	8.0 UJ	2.2 U	2.2 UJ
Chloromethane	UG/KG	-	-	640 U	6.4 U	20 UJ	5.5 U	5.6 U
Ethylbenzene	UG/KG	NS	30000	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	R	8.2 J	R	R	6.4 J
Methylene chloride	UG/KG	12000	51000	260 U	1.0 J	8.0 UJ	1.0 J	2.2 UJ
Tetrachloroethene	UG/KG	2000	5500	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
Toluene	UG/KG	36000	100000	640 U	4.6 UJ	20 UJ	5.5 UJ	5.6 U
Trichloroethene	UG/KG	2000	10000	358	5.2 J	8.0 UJ	2.2 UJ	0.49 J
Vinyl chloride	UG/KG	NS	210	138 J	2.6 U	8.0 UJ	2.2 U	2.2 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

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Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6840-OF-007	6840-OFB-007	6900-C	6900-C	6950-SB-N
Sample ID				6840-OF-007-12-24	6840-OFB-007	6900-C-1-1.5	6900-C-4-4.5	6950-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.1-0.2	1.0-1.5	4.0-4.5	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	260 U	1.8 U	8.0 UJ	2.2 U	2.2 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
1,2-Dichlorobenzene	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
1,3-Dichlorobenzene	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
1,4-Dichlorobenzene	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
2,4-Dimethylphenol	UG/KG	-	-	3,300 U	520 U	590 U	590 U	6,200 U
2-Methylnaphthalene	UG/KG	-	-	4,980	100 U	120 U	120 U	1,200 U
2-Nitroaniline	UG/KG	-	-	3,300 U	520 U	590 U	590 U	6,200 U
3&4-Methylphenol	UG/KG	NS	34000	3,300 U	520 U	590 U	590 U	6,200 U
4-Bromophenyl-phenylether	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
4-Chloroaniline	UG/KG	-	-	3,300 U	520 U	590 U	590 U	6,200 U
Acenaphthene	UG/KG	20000	100000	17,700	100 U	120 U	120 U	1,200 U
Acenaphthylene	UG/KG	NS	100000	327 J	100 U	120 U	120 U	1,200 U
Anthracene	UG/KG	NS	100000	16,600	43.3 J	13.7 J	120 U	190 J
Benzo(a)anthracene	UG/KG	NS	1000	50,600	260	46.4 J	120 U	690 J
Benzo(a)pyrene	UG/KG	2600	1000	41,600	338	120 U	120 U	1,200 U
Benzo(b)fluoranthene	UG/KG	NS	1000	45,200	347	120 U	120 U	1,200 U
Benzo(g,h,i)perylene	UG/KG	NS	100000	25,400	258	120 U	120 U	1,200 U
Benzo(k)fluoranthene	UG/KG	NS	1000	36,100	306	120 U	120 U	1,200 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6840-OF-007	6840-OFB-007	6900-C	6900-C	6950-SB-N
Sample ID				6840-OF-007-12-24	6840-OFB-007	6900-C-1-1.5	6900-C-4-4.5	6950-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.1-0.2	1.0-1.5	4.0-4.5	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	1,870	139 J	290 U	300 U	3,100 U
Butylbenzylphthalate	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
Carbazole	UG/KG	-	-	18,000	46.1 J	120 U	120 U	1,200 U
Chrysene	UG/KG	NS	1000	68,500 D	339	35.7 J	120 U	645 J
Dibenz(a,h)anthracene	UG/KG	NS	330	10,200	96.4 J	120 U	120 U	1,200 U
Dibenzofuran	UG/KG	NS	14000	9,590	100 U	120 U	120 U	1,200 U
Dimethylphthalate	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
Di-n-butylphthalate	UG/KG	-	-	1,600 U	24.3 J	290 U	300 U	3,100 U
Di-n-octylphthalate	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
Fluoranthene	UG/KG	NS	100000	181,000 D	582	96.5 J	120 U	1,520
Fluorene	UG/KG	30000	100000	13,400	100 U	120 U	120 U	1,200 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	27,600	320	120 U	120 U	1,200 U
Isophorone	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
Naphthalene	UG/KG	NS	100000	6,030	100 U	120 U	120 U	1,200 U
Nitrobenzene	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	1,600 U	260 U	290 U	300 U	3,100 U
Phenanthrene	UG/KG	NS	100000	146,000 D	246	45.5 J	120 U	684 J
Phenol	UG/KG	30000	100000	1,600 U	260 U	290 UJ	300 UJ	3,100 U
Pyrene	UG/KG	NS	100000	126,000 D	517	75.8 J	120 U	1,170 J

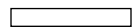
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6840-OF-007	6840-OFB-007	6900-C	6900-C	6950-SB-N
Sample ID				6840-OF-007-12-24	6840-OFB-007	6900-C-1-1.5	6900-C-4-4.5	6950-SB-N-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.1-0.2	1.0-1.5	4.0-4.5	0.0-0.5
Date Sampled				05/02/16	05/02/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	36 U	38 U	38 U	42 U
Aroclor 1254	UG/KG	-	-	42 U	33.7 J	38 U	38 U	230
Aroclor 1260	UG/KG	-	-	1,500 D	138	38 U	38 U	460
Total Polychlorinated Biphenyls	UG/KG	1000	1000	1,500	171.7	38 U	38 U	690
Metals								
Arsenic	MG/KG	13	16	5.2	4.2	4.4	8.7	5.9
Barium	MG/KG	433	350	74.5	40.5	47.0	135	66.5
Cadmium	MG/KG	4	2.5	0.76	0.16 J	0.35 U	0.35 U	0.48
Chromium	MG/KG	41	36	20.4	10.4	11.4	12.4	19.8
Lead	MG/KG	63	400	51.0	20.0	6.6	7.6	44.4
Mercury	MG/KG	0.18	0.81	0.11	0.021 J	0.032 U	0.0086 J	0.067
Selenium	MG/KG	3.9	36	0.94 U	0.32 J	0.88 U	0.88 U	0.94 U
Silver	MG/KG	2	36	0.89	0.39 U	0.44 U	0.44 U	0.47 U

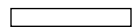
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6950-SB-N	6950-SB-N	6950-SB-S	6950-SB-S	6950-SB-S
Sample ID				6950-SB-N-6-12	6950-SB-N-12-24	6950-SB-S-0-6	6950-SB-S-6-12	6950-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
1,1-Dichloroethene	UG/KG	NS	100000	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	2.0 U	1.9 U	2.3 U	0.51 J	2.8 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
2-Hexanone	UG/KG	-	-	10 U	9.6 U	11 U	13 U	14 U
4-Methyl-2-pentanone	UG/KG	-	-	5.0 U	4.8 U	5.7 U	6.6 U	7.0 U
Acetone	UG/KG	2200	100000	25.5	37.5 J	99.3	102 J	76.1
Benzene	UG/KG	70000	2900	0.89	0.47 J	0.46 J	0.66 U	0.70 U
Bromomethane	UG/KG	-	-	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
Carbon disulfide	UG/KG	-	-	0.79 J	5.0 J	18.6	6.1 J	9.8
Chloroform	UG/KG	12000	10000	2.0 UJ	1.9 UJ	2.3 UJ	2.6 UJ	2.8 UJ
Chloromethane	UG/KG	-	-	5.0 U	4.8 U	5.7 U	6.6 U	7.0 U
Ethylbenzene	UG/KG	NS	30000	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	4.2 J	8.4 J	9.2 J	8.8 J	6.9 J
Methylene chloride	UG/KG	12000	51000	0.77 J	0.54 J	2.3 UJ	2.6 UJ	2.8 UJ
Tetrachloroethene	UG/KG	2000	5500	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
Toluene	UG/KG	36000	100000	5.0 U	4.8 U	5.7 U	6.6 U	7.0 U
Trichloroethene	UG/KG	2000	10000	2.0 U	1.9 U	0.75 J	0.71 J	0.48 J
Vinyl chloride	UG/KG	NS	210	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U

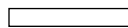
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6950-SB-N	6950-SB-N	6950-SB-S	6950-SB-S	6950-SB-S
Sample ID				6950-SB-N-6-12	6950-SB-N-12-24	6950-SB-S-0-6	6950-SB-S-6-12	6950-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	2.0 U	1.9 U	2.3 U	2.6 U	2.8 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
1,2-Dichlorobenzene	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
1,3-Dichlorobenzene	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
1,4-Dichlorobenzene	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
2,4-Dimethylphenol	UG/KG	-	-	620 U	600 U	670 U	720 U	690 U
2-Methylnaphthalene	UG/KG	-	-	120 U	120 U	130 U	140 U	140 U
2-Nitroaniline	UG/KG	-	-	620 U	600 U	670 U	720 U	690 U
3&4-Methylphenol	UG/KG	NS	34000	620 U	600 U	670 U	720 U	690 U
4-Bromophenyl-phenylether	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
4-Chloroaniline	UG/KG	-	-	620 U	600 U	670 U	720 U	690 U
Acenaphthene	UG/KG	20000	100000	120 U	70.1 J	130 U	55.5 J	140 U
Acenaphthylene	UG/KG	NS	100000	57.9 J	20.3 J	15.3 J	140 U	140 U
Anthracene	UG/KG	NS	100000	99.3 J	81.6 J	31.7 J	82.2 J	17.0 J
Benzo(a)anthracene	UG/KG	NS	1000	511	207	146	206	90.4 J
Benzo(a)pyrene	UG/KG	2600	1000	520	238	206	243	169
Benzo(b)fluoranthene	UG/KG	NS	1000	416	201	192	224	155
Benzo(g,h,i)perylene	UG/KG	NS	100000	272	101 J	98.6 J	115 J	140 U
Benzo(k)fluoranthene	UG/KG	NS	1000	437	202	192	210	149

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Detection Limits shown are PQL

Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

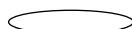
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6950-SB-N	6950-SB-N	6950-SB-S	6950-SB-S	6950-SB-S
Sample ID				6950-SB-N-6-12	6950-SB-N-12-24	6950-SB-S-0-6	6950-SB-S-6-12	6950-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Butylbenzylphthalate	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Carbazole	UG/KG	-	-	30.1 J	24.9 J	20.3 J	54.4 J	140 U
Chrysene	UG/KG	NS	1000	484	205	162	213	108 J
Dibenz(a,h)anthracene	UG/KG	NS	330	130	120 U	130 U	140 U	140 U
Dibenzofuran	UG/KG	NS	14000	120 U	12.4 J	130 U	24.3 J	140 U
Dimethylphthalate	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Di-n-butylphthalate	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Di-n-octylphthalate	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Fluoranthene	UG/KG	NS	100000	1,020	487	326	519	219
Fluorene	UG/KG	30000	100000	120 U	120 U	130 U	140 U	140 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	361	198	195	222	174
Isophorone	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Naphthalene	UG/KG	NS	100000	120 U	120 U	130 U	23.6 J	140 U
Nitrobenzene	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	310 U	300 U	340 U	360 U	350 U
Phenanthrene	UG/KG	NS	100000	385	283	142	365	81.4 J
Phenol	UG/KG	30000	100000	310 U	300 U	340 U	360 U	350 U
Pyrene	UG/KG	NS	100000	846	400	262	405	185

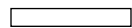
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6950-SB-N	6950-SB-N	6950-SB-S	6950-SB-S	6950-SB-S
Sample ID				6950-SB-N-6-12	6950-SB-N-12-24	6950-SB-S-0-6	6950-SB-S-6-12	6950-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	40 U	40 U	44 U	46 U	45 U
Aroclor 1254	UG/KG	-	-	29.7 J	40 U	44 U	49.4	24.9 J
Aroclor 1260	UG/KG	-	-	48.0	29.7 J	275	130	59.0
Total Polychlorinated Biphenyls	UG/KG	1000	1000	77.7	29.7	275	179.4	83.9
Metals								
Arsenic	MG/KG	13	16	4.9	5.2	6.3	4.9	4.8
Barium	MG/KG	433	350	67.1	67.5	77.3	69.1	65.1
Cadmium	MG/KG	4	2.5	0.30 J	0.18 J	0.17 J	0.18 J	0.25 J
Chromium	MG/KG	41	36	18.1	14.3	17.2	16.0	12.7
Lead	MG/KG	63	400	37.6	14.9	18.0	19.8	15.4
Mercury	MG/KG	0.18	0.81	0.073	0.039	0.064	0.085	0.075
Selenium	MG/KG	3.9	36	0.93 U	0.89 U	1.0 U	1.1 U	1.0 U
Silver	MG/KG	2	36	0.46 J	0.15 J	0.30 J	0.18 J	0.52 U

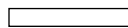
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-008	6970-OF-008	6970-OF-008	6970-OF-009	6970-OF-009
Sample ID				6970-OF-008-0-2	6970-OF-008-0-6	6970-OF-008-6-12	6970-OF-009-0-2	6970-OF-009-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	3.9 U	2.2 U	NA	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	3.9 U	2.2 U	NA	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	3.9 U	2.2 U	NA	1.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	0.67 J	2.2 U	NA	1.9 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	3.9 U	2.2 U	NA	1.9 U
2-Hexanone	UG/KG	-	-	NA	19 U	11 U	NA	9.7 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	9.7 U	5.5 U	NA	4.9 U
Acetone	UG/KG	2200	100000	NA	395 J	28.4	NA	25.3
Benzene	UG/KG	70000	2900	NA	0.97 U	0.60	NA	0.58
Bromomethane	UG/KG	-	-	NA	3.9 U	2.2 U	NA	1.9 U
Carbon disulfide	UG/KG	-	-	NA	101 J	5.9	NA	2.9 J
Chloroform	UG/KG	12000	10000	NA	3.9 UJ	2.2 UJ	NA	1.9 UJ
Chloromethane	UG/KG	-	-	NA	9.7 U	5.5 U	NA	4.9 U
Ethylbenzene	UG/KG	NS	30000	NA	3.9 U	2.2 U	NA	1.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	114 J	5.5 J	NA	6.3 J
Methylene chloride	UG/KG	12000	51000	NA	3.9 UJ	2.2 UJ	NA	1.9 UJ
Tetrachloroethene	UG/KG	2000	5500	NA	3.9 U	2.2 U	NA	1.9 U
Toluene	UG/KG	36000	100000	NA	9.7 U	5.5 U	NA	4.9 U
Trichloroethene	UG/KG	2000	10000	NA	1.1 J	2.2 U	NA	1.9 U
Vinyl chloride	UG/KG	NS	210	NA	3.9 U	2.2 U	NA	1.9 U

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-008	6970-OF-008	6970-OF-008	6970-OF-009	6970-OF-009
Sample ID				6970-OF-008-0-2	6970-OF-008-0-6	6970-OF-008-6-12	6970-OF-009-0-2	6970-OF-009-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	3.9 U	2.2 U	NA	1.9 U
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
2,4-Dimethylphenol	UG/KG	-	-	8,000 U	NA	6,500 U	6,100 U	NA
2-Methylnaphthalene	UG/KG	-	-	1,600 U	NA	1,300 U	1,200 U	NA
2-Nitroaniline	UG/KG	-	-	8,000 U	NA	6,500 U	6,100 U	NA
3&4-Methylphenol	UG/KG	NS	34000	8,000 U	NA	6,500 U	6,100 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
4-Chloroaniline	UG/KG	-	-	8,000 U	NA	6,500 U	6,100 U	NA
Acenaphthene	UG/KG	20000	100000	1,100 J	NA	1,300 U	412 J	NA
Acenaphthylene	UG/KG	NS	100000	1,600 U	NA	1,300 U	1,200 U	NA
Anthracene	UG/KG	NS	100000	1,230 J	NA	437 J	493 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	2,750	NA	881 J	1,040 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	3,050	NA	1,300 U	1,200 U	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	2,850	NA	1,300 U	1,200 U	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	1,600 U	NA	1,300 U	1,200 U	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	2,750	NA	1,300 U	1,200 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-008	6970-OF-008	6970-OF-008	6970-OF-009	6970-OF-009
Sample ID				6970-OF-008-0-2	6970-OF-008-0-6	6970-OF-008-6-12	6970-OF-009-0-2	6970-OF-009-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	2,640 J	NA	3,300 U	3,000 U	NA
Butylbenzylphthalate	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
Carbazole	UG/KG	-	-	412 J	NA	1,300 U	218 J	NA
Chrysene	UG/KG	NS	1000	3,760	NA	914 J	970 J	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	1,600 U	NA	1,300 U	1,200 U	NA
Dibenzofuran	UG/KG	NS	14000	342 J	NA	1,300 U	204 J	NA
Dimethylphthalate	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
Di-n-butylphthalate	UG/KG	-	-	274 J	NA	3,300 U	3,000 U	NA
Di-n-octylphthalate	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
Fluoranthene	UG/KG	NS	100000	8,470	NA	2,300	2,620	NA
Fluorene	UG/KG	30000	100000	1,600 U	NA	1,300 U	1,200 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	2,520	NA	1,300 U	1,200 U	NA
Isophorone	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
Naphthalene	UG/KG	NS	100000	1,600 U	NA	1,300 U	159 J	NA
Nitrobenzene	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	4,000 U	NA	3,300 U	3,000 U	NA
Phenanthrene	UG/KG	NS	100000	4,890	NA	1,190 J	1,520	NA
Phenol	UG/KG	30000	100000	4,000 U	NA	3,300 U	3,000 U	NA
Pyrene	UG/KG	NS	100000	6,870	NA	1,800	1,990	NA

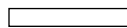
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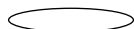
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-008	6970-OF-008	6970-OF-008	6970-OF-009	6970-OF-009
Sample ID				6970-OF-008-0-2	6970-OF-008-0-6	6970-OF-008-6-12	6970-OF-009-0-2	6970-OF-009-0-6
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.0-0.2	0.0-0.5	0.5-1.0	0.0-0.2	0.0-0.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	661	NA	109 NJ	41 U	NA
Aroclor 1254	UG/KG	-	-	1,750 D	NA	411	67.2	NA
Aroclor 1260	UG/KG	-	-	874 J	NA	84.0 J	26.0 J	NA
Total Polychlorinated Biphenyls	UG/KG	1000	1000	3,285	NA	604	93.2	NA
Metals								
Arsenic	MG/KG	13	16	7.2	NA	5.8	4.8	NA
Barium	MG/KG	433	350	49.7	NA	63.3	59.7	NA
Cadmium	MG/KG	4	2.5	2.2	NA	0.54	0.16 J	NA
Chromium	MG/KG	41	36	41.5	NA	16.4	16.8	NA
Lead	MG/KG	63	400	231	NA	48.7	16.2	NA
Mercury	MG/KG	0.18	0.81	0.49	NA	0.061	0.036	NA
Selenium	MG/KG	3.9	36	1.1 U	NA	0.97 U	0.94 U	NA
Silver	MG/KG	2	36	0.42 J	NA	0.24 J	0.50	NA

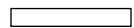
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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO'

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-009	6970-OFB-008	6970-OFB-009	7090-C	7090-C
Sample ID				6970-OF-009-6-12	6970-OFB-008-48-60	6970-OFB-009-48-60	7090-C-3-3.5	7090-C-4-4.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	4.0-5.0	4.0-5.0	3.0-3.5	4.0-4.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.9 U	1.9 U	1.9 U	NA	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.9 U	1.9 U	1.9 U	NA	NA
1,1-Dichloroethene	UG/KG	NS	100000	1.9 U	1.9 U	1.9 U	NA	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.9 U	1.9 U	1.9 U	NA	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.9 U	1.9 U	1.9 U	NA	NA
2-Hexanone	UG/KG	-	-	9.4 U	9.3 U	9.4 U	NA	NA
4-Methyl-2-pentanone	UG/KG	-	-	4.7 U	4.6 U	4.7 U	NA	NA
Acetone	UG/KG	2200	100000	20.9	62.9	26.7	NA	NA
Benzene	UG/KG	70000	2900	0.56	0.36 J	0.48	NA	NA
Bromomethane	UG/KG	-	-	1.9 U	1.9 U	1.9 U	NA	NA
Carbon disulfide	UG/KG	-	-	1.0 J	5.9	8.1	NA	NA
Chloroform	UG/KG	12000	10000	1.9 UJ	1.9 UJ	1.9 UJ	NA	NA
Chloromethane	UG/KG	-	-	4.7 U	4.6 U	4.7 U	NA	NA
Ethylbenzene	UG/KG	NS	30000	1.9 U	1.9 U	1.9 U	NA	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	4.4 J	4.8 J	R	NA	NA
Methylene chloride	UG/KG	12000	51000	1.9 UJ	1.9 UJ	1.9 UJ	NA	NA
Tetrachloroethene	UG/KG	2000	5500	1.9 U	1.9 U	1.9 U	NA	NA
Toluene	UG/KG	36000	100000	4.7 U	4.6 U	4.7 U	NA	NA
Trichloroethene	UG/KG	2000	10000	1.9 U	1.9 U	1.9 U	NA	NA
Vinyl chloride	UG/KG	NS	210	1.9 U	1.9 U	1.9 U	NA	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

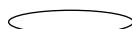
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-009	6970-OFB-008	6970-OFB-009	7090-C	7090-C
Sample ID				6970-OF-009-6-12	6970-OFB-008-48-60	6970-OFB-009-48-60	7090-C-3-3.5	7090-C-4-4.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	4.0-5.0	4.0-5.0	3.0-3.5	4.0-4.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.9 U	1.9 U	1.9 U	NA	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	290 U	290 U	290 U	NA	NA
1,2-Dichlorobenzene	UG/KG	-	-	290 U	290 U	290 U	NA	NA
1,3-Dichlorobenzene	UG/KG	-	-	290 U	290 U	290 U	NA	NA
1,4-Dichlorobenzene	UG/KG	-	-	290 U	290 U	290 U	NA	NA
2,4-Dimethylphenol	UG/KG	-	-	580 U	580 U	580 U	NA	NA
2-Methylnaphthalene	UG/KG	-	-	120 U	120 U	120 U	NA	NA
2-Nitroaniline	UG/KG	-	-	580 U	580 U	580 U	NA	NA
3&4-Methylphenol	UG/KG	NS	34000	580 U	580 U	580 U	NA	NA
4-Bromophenyl-phenylether	UG/KG	-	-	290 U	290 U	290 U	NA	NA
4-Chloroaniline	UG/KG	-	-	580 U	580 U	580 U	NA	NA
Acenaphthene	UG/KG	20000	100000	134	120 U	120 U	NA	NA
Acenaphthylene	UG/KG	NS	100000	120 U	31.6 J	120 U	NA	NA
Anthracene	UG/KG	NS	100000	97.8 J	102 J	41.4 J	NA	NA
Benzo(a)anthracene	UG/KG	NS	1000	191	416	131	NA	NA
Benzo(a)pyrene	UG/KG	2600	1000	250	383	162	NA	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	217	315	129	NA	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	149	174	120 U	NA	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	214	326	134	NA	NA

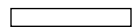
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-009	6970-OFB-008	6970-OFB-009	7090-C	7090-C
Sample ID				6970-OF-009-6-12	6970-OFB-008-48-60	6970-OFB-009-48-60	7090-C-3-3.5	7090-C-4-4.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	4.0-5.0	4.0-5.0	3.0-3.5	4.0-4.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	290 U	290 U	290 U	NA	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Butylbenzylphthalate	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Carbazole	UG/KG	-	-	88.0 J	120 U	120 U	NA	NA
Chrysene	UG/KG	NS	1000	187	356	117 J	NA	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	120 U	120 U	NA	NA
Dibenzofuran	UG/KG	NS	14000	84.1 J	120 U	120 U	NA	NA
Dimethylphthalate	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Di-n-butylphthalate	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Di-n-octylphthalate	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Fluoranthene	UG/KG	NS	100000	504	785	263	NA	NA
Fluorene	UG/KG	30000	100000	120 U	120 U	120 U	NA	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	231	274	120 U	NA	NA
Isophorone	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Naphthalene	UG/KG	NS	100000	54.4 J	120 U	120 U	NA	NA
Nitrobenzene	UG/KG	-	-	290 U	290 U	290 U	NA	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	290 U	290 U	290 U	NA	NA
Phenanthrene	UG/KG	NS	100000	236	304	135	NA	NA
Phenol	UG/KG	30000	100000	290 U	290 U	290 U	NA	NA
Pyrene	UG/KG	NS	100000	381	663	217	NA	NA

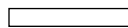
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				6970-OF-009	6970-OFB-008	6970-OFB-009	7090-C	7090-C
Sample ID				6970-OF-009-6-12	6970-OFB-008-48-60	6970-OFB-009-48-60	7090-C-3-3.5	7090-C-4-4.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				0.5-1.0	4.0-5.0	4.0-5.0	3.0-3.5	4.0-4.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	38 U	37 U	38 U	42 U	43 U
Aroclor 1254	UG/KG	-	-	48.9	37 U	38 U	42 U	43 U
Aroclor 1260	UG/KG	-	-	42.4	37 U	38 U	42 U	43 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	91.3	37 U	38 U	42 U	43 U
Metals								
Arsenic	MG/KG	13	16	3.5	5.1	7.1	NA	NA
Barium	MG/KG	433	350	61.8	61.5	72.9	NA	NA
Cadmium	MG/KG	4	2.5	0.15 J	0.098 J	0.11 J	NA	NA
Chromium	MG/KG	41	36	15.6	16.1	18.0	NA	NA
Lead	MG/KG	63	400	11.6	12.1	12.2	NA	NA
Mercury	MG/KG	0.18	0.81	0.054	0.037	0.038	NA	NA
Selenium	MG/KG	3.9	36	0.91 U	0.89 U	0.88 U	NA	NA
Silver	MG/KG	2	36	0.15 J	0.27 J	0.61	NA	NA

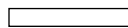
Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-C	7210-C	7210-SB-N	7210-SB-N	7210-SB-N
Sample ID				7210-C-1.0-1.5	7210-C-4.0-4.5	7210-SB-N-0-6	7210-SB-N-6-12	7210-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	NA	2.7 U	2.3 U	1.9 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	NA	2.7 U	2.3 U	1.9 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	NA	2.7 U	2.3 U	1.9 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	NA	2.7 U	2.3 U	1.9 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	NA	2.7 U	2.3 U	1.9 U
2-Hexanone	UG/KG	-	-	NA	NA	14 U	2.2 J	9.5 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	NA	1.9 J	5.8 U	4.8 U
Acetone	UG/KG	2200	100000	NA	NA	154	125	50.7 J
Benzene	UG/KG	70000	2900	NA	NA	0.66 J	0.64	1.1
Bromomethane	UG/KG	-	-	NA	NA	2.7 U	2.3 U	1.9 U
Carbon disulfide	UG/KG	-	-	NA	NA	7.7	3.1 J	0.93 J
Chloroform	UG/KG	12000	10000	NA	NA	2.7 UJ	2.3 UJ	1.9 U
Chloromethane	UG/KG	-	-	NA	NA	6.9 U	5.8 U	4.8 U
Ethylbenzene	UG/KG	NS	30000	NA	NA	2.7 U	2.3 U	1.9 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	NA	21.4 J	21.2 J	8.4 J
Methylene chloride	UG/KG	12000	51000	NA	NA	2.7 UJ	2.3 UJ	1.9 U
Tetrachloroethene	UG/KG	2000	5500	NA	NA	2.7 U	2.3 U	1.9 U
Toluene	UG/KG	36000	100000	NA	NA	6.9 U	5.8 U	4.8 U
Trichloroethene	UG/KG	2000	10000	NA	NA	2.7 U	2.3 U	1.9 U
Vinyl chloride	UG/KG	NS	210	NA	NA	2.7 U	2.3 U	1.9 U

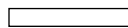
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[SITE KEY] = 4 AND [MATRIX] = 'SO

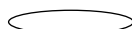
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-C	7210-C	7210-SB-N	7210-SB-N	7210-SB-N
Sample ID				7210-C-1.0-1.5	7210-C-4.0-4.5	7210-SB-N-0-6	7210-SB-N-6-12	7210-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	NA	NA	2.7 U	2.3 U	0.90 J
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	NA	340 U	310 U	290 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	NA	340 U	310 U	290 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	NA	340 U	310 U	290 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	NA	340 U	310 U	290 U
2,4-Dimethylphenol	UG/KG	-	-	NA	NA	690 U	610 U	580 U
2-Methylnaphthalene	UG/KG	-	-	NA	NA	140 U	120 U	120 U
2-Nitroaniline	UG/KG	-	-	NA	NA	690 U	610 U	580 U
3&4-Methylphenol	UG/KG	NS	34000	NA	NA	690 U	610 U	580 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	NA	340 U	310 U	290 U
4-Chloroaniline	UG/KG	-	-	NA	NA	690 U	610 U	580 U
Acenaphthene	UG/KG	20000	100000	NA	NA	50.2 J	25.7 J	120 U
Acenaphthylene	UG/KG	NS	100000	NA	NA	38.4 J	22.9 J	120 U
Anthracene	UG/KG	NS	100000	NA	NA	127 J	57.7 J	120 U
Benzo(a)anthracene	UG/KG	NS	1000	NA	NA	1,020	474	60.5 J
Benzo(a)pyrene	UG/KG	2600	1000	NA	NA	1,390	649	196
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	NA	1,550	672	179
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	NA	1,280	557	80.3 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	NA	1,250	610	187

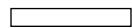
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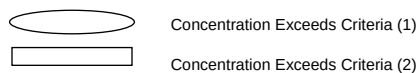
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-C	7210-C	7210-SB-N	7210-SB-N	7210-SB-N
Sample ID				7210-C-1.0-1.5	7210-C-4.0-4.5	7210-SB-N-0-6	7210-SB-N-6-12	7210-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	NA	340 UJ	310 UJ	290 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	NA	183 J	310 U	290 U
Butylbenzylphthalate	UG/KG	-	-	NA	NA	131 J	310 U	290 U
Carbazole	UG/KG	-	-	NA	NA	180	83.8 J	120 U
Chrysene	UG/KG	NS	1000	NA	NA	1,490	661	85.9 J
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	NA	297	154	120 U
Dibenzofuran	UG/KG	NS	14000	NA	NA	27.2 J	13.0 J	120 U
Dimethylphthalate	UG/KG	-	-	NA	NA	340 U	310 U	290 U
Di-n-butylphthalate	UG/KG	-	-	NA	NA	340 U	310 U	290 U
Di-n-octylphthalate	UG/KG	-	-	NA	NA	340 U	310 U	290 U
Fluoranthene	UG/KG	NS	100000	NA	NA	2,810	1,250	160
Fluorene	UG/KG	30000	100000	NA	NA	50.2 J	27.2 J	120 U
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	NA	1,250	556	246
Isophorone	UG/KG	-	-	NA	NA	340 U	310 U	290 U
Naphthalene	UG/KG	NS	100000	NA	NA	140 U	120 U	120 U
Nitrobenzene	UG/KG	-	-	NA	NA	340 U	310 U	290 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	NA	340 U	310 U	290 U
Phenanthrene	UG/KG	NS	100000	NA	NA	917	435	55.1 J
Phenol	UG/KG	30000	100000	NA	NA	340 U	310 U	290 U
Pyrene	UG/KG	NS	100000	NA	NA	2,370	1,070	133

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-C	7210-C	7210-SB-N	7210-SB-N	7210-SB-N
Sample ID				7210-C-1.0-1.5	7210-C-4.0-4.5	7210-SB-N-0-6	7210-SB-N-6-12	7210-SB-N-12-24
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-1.5	4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)					
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	42 U	39 U	46 U	41 U	40 U
Aroclor 1254	UG/KG	-	-	36.5 J	39 U	69.3	36.8 J	40 U
Aroclor 1260	UG/KG	-	-	42 U	59.2	130	71.8	30.5 J
Total Polychlorinated Biphenyls	UG/KG	1000	1000	36.5	59.2	199.3	108.6	30.5
Metals								
Arsenic	MG/KG	13	16	NA	NA	6.0	3.3	7.3
Barium	MG/KG	433	350	NA	NA	67.2	37.8	75.8
Cadmium	MG/KG	4	2.5	NA	NA	0.93	0.11 J	0.087 J
Chromium	MG/KG	41	36	NA	NA	23.4	10.8	13.2
Lead	MG/KG	63	400	NA	NA	73.2	11.8	8.9
Mercury	MG/KG	0.18	0.81	NA	NA	0.11	0.055	0.042
Selenium	MG/KG	3.9	36	NA	NA	1.0 U	0.94 U	0.87 U
Silver	MG/KG	2	36	NA	NA	0.49 J	0.25 J	0.36 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Advanced Selection: amk-temj

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[SITE KEY] = 4 AND [MATRIX] = 'SO

TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-SB-N	7210-SB-S	7210-SB-S	7210-SB-S	7310-C
Sample ID				DUP-13	7210-SB-S-0-6	7210-SB-S-6-12	7210-SB-S-12-24	7310-C-1.0-1.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
1,1,1-Trichloroethane	UG/KG	NS	100000	1.9 U	2.7 U	2.7 U	2.6 U	NA
1,1,2,2-Tetrachloroethane	UG/KG	-	-	1.9 U	2.7 U	2.7 U	2.6 U	NA
1,1-Dichloroethene	UG/KG	NS	100000	1.9 U	2.7 U	2.7 U	2.6 U	NA
1,2-Dichloroethene (cis)	UG/KG	NS	59000	1.9 U	2.7 U	2.7 U	2.6 U	NA
1,2-Dichloroethene (trans)	UG/KG	NS	100000	1.9 U	2.7 U	2.7 U	2.6 U	NA
2-Hexanone	UG/KG	-	-	9.7 U	13 U	13 U	13 UJ	NA
4-Methyl-2-pentanone	UG/KG	-	-	4.9 U	6.7 U	6.7 U	6.4 UJ	NA
Acetone	UG/KG	2200	100000	28.2 J	90.1	90.6	169 J	NA
Benzene	UG/KG	70000	2900	1.0	0.77	0.67	0.87 J	NA
Bromomethane	UG/KG	-	-	1.9 U	2.7 U	2.7 U	2.6 U	NA
Carbon disulfide	UG/KG	-	-	0.59 J	20.6	18.9	31.8	NA
Chloroform	UG/KG	12000	10000	1.9 U	2.7 U	2.7 U	2.6 U	NA
Chloromethane	UG/KG	-	-	4.9 U	6.7 U	6.7 U	6.4 U	NA
Ethylbenzene	UG/KG	NS	30000	1.9 U	2.7 U	2.7 U	2.6 U	NA
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	4.0 J	10.5 J	11.7 J	19.0 J	NA
Methylene chloride	UG/KG	12000	51000	0.61 J	2.7 U	2.7 U	1.3 J	NA
Tetrachloroethene	UG/KG	2000	5500	1.9 U	2.7 U	2.7 U	2.6 U	NA
Toluene	UG/KG	36000	100000	1.2 J	6.7 U	6.7 U	6.4 UJ	NA
Trichloroethene	UG/KG	2000	10000	1.9 U	2.7 U	2.7 U	2.6 UJ	NA
Vinyl chloride	UG/KG	NS	210	1.9 U	2.7 U	2.7 U	2.6 U	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

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[SITE KEY] = 4 AND [MATRIX] = 'SO

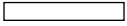
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-SB-N	7210-SB-S	7210-SB-S	7210-SB-S	7310-C
Sample ID				DUP-13	7210-SB-S-0-6	7210-SB-S-6-12	7210-SB-S-12-24	7310-C-1.0-1.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Volatile Organic Compounds								
Xylene (total)	UG/KG	260	100000	1.9 U	2.7 U	2.7 U	2.6 U	NA
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
1,2-Dichlorobenzene	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
1,3-Dichlorobenzene	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
1,4-Dichlorobenzene	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
2,4-Dimethylphenol	UG/KG	-	-	580 U	710 U	700 U	7,000 U	NA
2-Methylnaphthalene	UG/KG	-	-	120 U	44.6 J	29.8 J	1,400 U	NA
2-Nitroaniline	UG/KG	-	-	580 U	710 U	700 U	7,000 U	NA
3&4-Methylphenol	UG/KG	NS	34000	580 U	710 U	700 U	7,000 U	NA
4-Bromophenyl-phenylether	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
4-Chloroaniline	UG/KG	-	-	580 U	710 U	700 U	7,000 U	NA
Acenaphthene	UG/KG	20000	100000	120 U	180	143	1,400 U	NA
Acenaphthylene	UG/KG	NS	100000	120 U	45.8 J	32.9 J	1,400 U	NA
Anthracene	UG/KG	NS	100000	120 U	381	257	171 J	NA
Benzo(a)anthracene	UG/KG	NS	1000	120 U	1,920	1,300	1,320 J	NA
Benzo(a)pyrene	UG/KG	2600	1000	120 U	2,150	1,490	2,250	NA
Benzo(b)fluoranthene	UG/KG	NS	1000	120 U	2,310	1,610	2,460	NA
Benzo(g,h,i)perylene	UG/KG	NS	100000	120 U	1,810	1,260	1,480	NA
Benzo(k)fluoranthene	UG/KG	NS	1000	120 U	1,830	1,370	2,000	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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 Concentration Exceeds Criteria (1)
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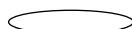
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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-SB-N	7210-SB-S	7210-SB-S	7210-SB-S	7310-C
Sample ID				DUP-13	7210-SB-S-0-6	7210-SB-S-6-12	7210-SB-S-12-24	7310-C-1.0-1.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Semivolatile Organic Compounds								
bis(2-Chloroethyl)ether	UG/KG	-	-	290 U	350 UJ	350 UJ	3,500 U	NA
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Butylbenzylphthalate	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Carbazole	UG/KG	-	-	120 U	337	234	180 J	NA
Chrysene	UG/KG	NS	1000	120 U	2,410	1,720	1,830	NA
Dibenz(a,h)anthracene	UG/KG	NS	330	120 U	417	320	1,400 U	NA
Dibenzofuran	UG/KG	NS	14000	120 U	73.3 J	65.0 J	1,400 U	NA
Dimethylphthalate	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Di-n-butylphthalate	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Di-n-octylphthalate	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Fluoranthene	UG/KG	NS	100000	138	4,980	3,240	3,390	NA
Fluorene	UG/KG	30000	100000	120 U	169	131 J	1,400 U	NA
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	120 U	1,700	1,230	2,460	NA
Isophorone	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Naphthalene	UG/KG	NS	100000	120 U	66.3 J	61.4 J	1,400 U	NA
Nitrobenzene	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
N-Nitroso-di-n-propylamine	UG/KG	-	-	290 U	350 U	350 U	3,500 U	NA
Phenanthrene	UG/KG	NS	100000	51.9 J	2,120	1,380	962 J	NA
Phenol	UG/KG	30000	100000	290 U	350 U	350 U	3,500 U	NA
Pyrene	UG/KG	NS	100000	119 J	3,970	2,630	2,590	NA

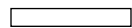
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Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7210-SB-N	7210-SB-S	7210-SB-S	7210-SB-S	7310-C
Sample ID				DUP-13	7210-SB-S-0-6	7210-SB-S-6-12	7210-SB-S-12-24	7310-C-1.0-1.5
Matrix				Soil	Soil	Soil	Soil	Soil
Depth Interval (ft)				1.0-2.0	0.0-0.5	0.5-1.0	1.0-2.0	1.0-1.5
Date Sampled				05/03/16	05/03/16	05/03/16	05/03/16	05/04/16
Parameter	Units	Criteria (1)	Criteria (2)	Field Duplicate (1-1)				
Polychlorinated Biphenyls								
Aroclor 1248	UG/KG	-	-	39 U	47 U	46 U	46 U	42 U
Aroclor 1254	UG/KG	-	-	39 U	88.8	76.4	97.1	42 U
Aroclor 1260	UG/KG	-	-	39 U	94.5	78.9	121	42 U
Total Polychlorinated Biphenyls	UG/KG	1000	1000	39 U	183.3	155.3	218.1	42 U
Metals								
Arsenic	MG/KG	13	16	5.9	6.2	6.5	6.3	NA
Barium	MG/KG	433	350	55.5	69.6	64.2	69.5	NA
Cadmium	MG/KG	4	2.5	0.036 J	0.53	0.53	0.54	NA
Chromium	MG/KG	41	36	10.2	20.8	20.7	22.1 J-	NA
Lead	MG/KG	63	400	6.5	32.4	34.7	43.9	NA
Mercury	MG/KG	0.18	0.81	0.012 J	0.075	0.071	0.049	NA
Selenium	MG/KG	3.9	36	0.90 U	1.1 U	1.1 U	1.1 U	NA
Silver	MG/KG	2	36	0.22 J	0.42 J	0.36 J	0.41 J	NA

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

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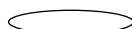
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7310-C	7310-SB-S	7310-SB-S	7310-SB-S
Sample ID				7310-C-4.0-4.5	7310-SB-S-0-6	7310-SB-S-6-12	7310-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/KG	NS	100000	NA	2.9 U	2.5 U	2.4 U
1,1,2,2-Tetrachloroethane	UG/KG	-	-	NA	2.9 U	2.5 U	2.4 U
1,1-Dichloroethene	UG/KG	NS	100000	NA	2.9 U	2.5 U	2.4 U
1,2-Dichloroethene (cis)	UG/KG	NS	59000	NA	2.9 U	2.5 U	2.4 U
1,2-Dichloroethene (trans)	UG/KG	NS	100000	NA	2.9 U	2.5 U	2.4 U
2-Hexanone	UG/KG	-	-	NA	14 U	13 U	12 U
4-Methyl-2-pentanone	UG/KG	-	-	NA	7.1 U	6.4 U	6.0 U
Acetone	UG/KG	2200	100000	NA	114	56.6 J	74.9 J
Benzene	UG/KG	70000	2900	NA	0.94	0.83	0.60 J
Bromomethane	UG/KG	-	-	NA	2.9 U	2.5 U	2.4 U
Carbon disulfide	UG/KG	-	-	NA	17.7	18.7	10.8 J
Chloroform	UG/KG	12000	10000	NA	2.9 U	2.5 U	2.4 U
Chloromethane	UG/KG	-	-	NA	7.1 U	6.4 U	6.0 U
Ethylbenzene	UG/KG	NS	30000	NA	2.9 U	2.5 U	2.4 U
Methyl ethyl ketone (2-Butanone)	UG/KG	100000	-	NA	13.1 J	8.0 J	10.1 J
Methylene chloride	UG/KG	12000	51000	NA	2.9 U	2.5 U	2.4 U
Tetrachloroethene	UG/KG	2000	5500	NA	2.9 U	2.5 U	2.4 U
Toluene	UG/KG	36000	100000	NA	7.1 U	0.60 J	6.0 U
Trichloroethene	UG/KG	2000	10000	NA	2.9 U	2.5 U	2.4 U
Vinyl chloride	UG/KG	NS	210	NA	2.9 U	2.5 U	2.4 U

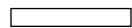
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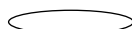
TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7310-C	7310-SB-S	7310-SB-S	7310-SB-S
Sample ID				7310-C-4.0-4.5	7310-SB-S-0-6	7310-SB-S-6-12	7310-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)				
Volatile Organic Compounds							
Xylene (total)	UG/KG	260	100000	NA	2.9 U	2.5 U	2.4 U
Semivolatile Organic Compounds							
1,2,4-Trichlorobenzene	UG/KG	-	-	NA	390 U	340 U	310 U
1,2-Dichlorobenzene	UG/KG	-	-	NA	390 U	340 U	310 U
1,3-Dichlorobenzene	UG/KG	-	-	NA	390 U	340 U	310 U
1,4-Dichlorobenzene	UG/KG	-	-	NA	390 U	340 U	310 U
2,4-Dimethylphenol	UG/KG	-	-	NA	790 U	670 U	620 U
2-Methylnaphthalene	UG/KG	-	-	NA	20.7 J	130 U	120 U
2-Nitroaniline	UG/KG	-	-	NA	790 U	670 U	620 U
3&4-Methylphenol	UG/KG	NS	34000	NA	790 U	670 U	620 U
4-Bromophenyl-phenylether	UG/KG	-	-	NA	390 U	340 U	310 U
4-Chloroaniline	UG/KG	-	-	NA	790 U	670 U	620 U
Acenaphthene	UG/KG	20000	100000	NA	97.8 J	55.3 J	17.8 J
Acenaphthylene	UG/KG	NS	100000	NA	33.2 J	28.7 J	22.1 J
Anthracene	UG/KG	NS	100000	NA	162	109 J	53.0 J
Benzo(a)anthracene	UG/KG	NS	1000	NA	1,080	797	535
Benzo(a)pyrene	UG/KG	2600	1000	NA	1,290	985	727
Benzo(b)fluoranthene	UG/KG	NS	1000	NA	1,470	1,240	911
Benzo(g,h,i)perylene	UG/KG	NS	100000	NA	1,170	855 J	623 J
Benzo(k)fluoranthene	UG/KG	NS	1000	NA	1,190	931	675

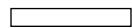
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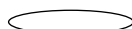
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SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7310-C	7310-SB-S	7310-SB-S	7310-SB-S
Sample ID				7310-C-4.0-4.5	7310-SB-S-0-6	7310-SB-S-6-12	7310-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)				
Semivolatile Organic Compounds							
bis(2-Chloroethyl)ether	UG/KG	-	-	NA	390 UJ	340 UJ	310 UJ
bis(2-Ethylhexyl)phthalate	UG/KG	-	-	NA	152 J	230 J	188 J
Butylbenzylphthalate	UG/KG	-	-	NA	390 U	340 U	310 U
Carbazole	UG/KG	-	-	NA	196	114 J	78.8 J
Chrysene	UG/KG	NS	1000	NA	1,440	1,050	731
Dibenz(a,h)anthracene	UG/KG	NS	330	NA	313	195	179
Dibenzofuran	UG/KG	NS	14000	NA	45.6 J	24.3 J	120 U
Dimethylphthalate	UG/KG	-	-	NA	390 U	340 U	310 U
Di-n-butylphthalate	UG/KG	-	-	NA	390 U	340 U	310 U
Di-n-octylphthalate	UG/KG	-	-	NA	390 U	340 UJ	310 UJ
Fluoranthene	UG/KG	NS	100000	NA	2,710	1,710	1,240
Fluorene	UG/KG	30000	100000	NA	88.9 J	47.2 J	23.9 J
Indeno(1,2,3-cd)pyrene	UG/KG	NS	500	NA	1,150	935	722
Isophorone	UG/KG	-	-	NA	390 U	340 U	310 U
Naphthalene	UG/KG	NS	100000	NA	26.8 J	19.9 J	120 U
Nitrobenzene	UG/KG	-	-	NA	390 U	340 U	310 U
N-Nitroso-di-n-propylamine	UG/KG	-	-	NA	390 U	340 U	310 U
Phenanthrene	UG/KG	NS	100000	NA	1,060	662	377
Phenol	UG/KG	30000	100000	NA	390 U	340 UJ	310 UJ
Pyrene	UG/KG	NS	100000	NA	2,160	1,530	998

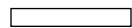
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TABLE 4
SOIL ANALYTICAL RESULTS
SANDERS CREEK SITE

Location ID				7310-C	7310-SB-S	7310-SB-S	7310-SB-S
Sample ID				7310-C-4.0-4.5	7310-SB-S-0-6	7310-SB-S-6-12	7310-SB-S-12-24
Matrix				Soil	Soil	Soil	Soil
Depth Interval (ft)				4.0-4.5	0.0-0.5	0.5-1.0	1.0-2.0
Date Sampled				05/04/16	05/03/16	05/03/16	05/03/16
Parameter	Units	Criteria (1)	Criteria (2)				
Polychlorinated Biphenyls							
Aroclor 1248	UG/KG	-	-	41 U	50 U	43 U	42 U
Aroclor 1254	UG/KG	-	-	41 U	88.1	63.2	72.9
Aroclor 1260	UG/KG	-	-	41 U	102	77.5	80.9
Total Polychlorinated Biphenyls	UG/KG	1000	1000	41 U	190.1	140.7	153.8
Metals							
Arsenic	MG/KG	13	16	NA	6.6	5.8	6.0
Barium	MG/KG	433	350	NA	72.5	64.1	60.6
Cadmium	MG/KG	4	2.5	NA	0.57	0.49	0.54
Chromium	MG/KG	41	36	NA	21.2	17.2	18.8
Lead	MG/KG	63	400	NA	37.8	34.8	39.6
Mercury	MG/KG	0.18	0.81	NA	0.077	0.066	0.068
Selenium	MG/KG	3.9	36	NA	1.2 U	1.0 U	0.95 U
Silver	MG/KG	2	36	NA	0.36 J	0.16 J	0.41 J

Criteria (1)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.

Criteria (2)- 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.

Flags assigned during chemistry validation are shown.



Concentration Exceeds Criteria (1)



Concentration Exceeds Criteria (2)

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value. 'R' - the data is rejected.

J- - The reported concentration is an estimated value and is biased low

Only Detected Results Reported.

Detection Limits shown are PQL

Advanced Selection: amk-temj

#Error

Printed: 8/9/2016 1:33:02 PM

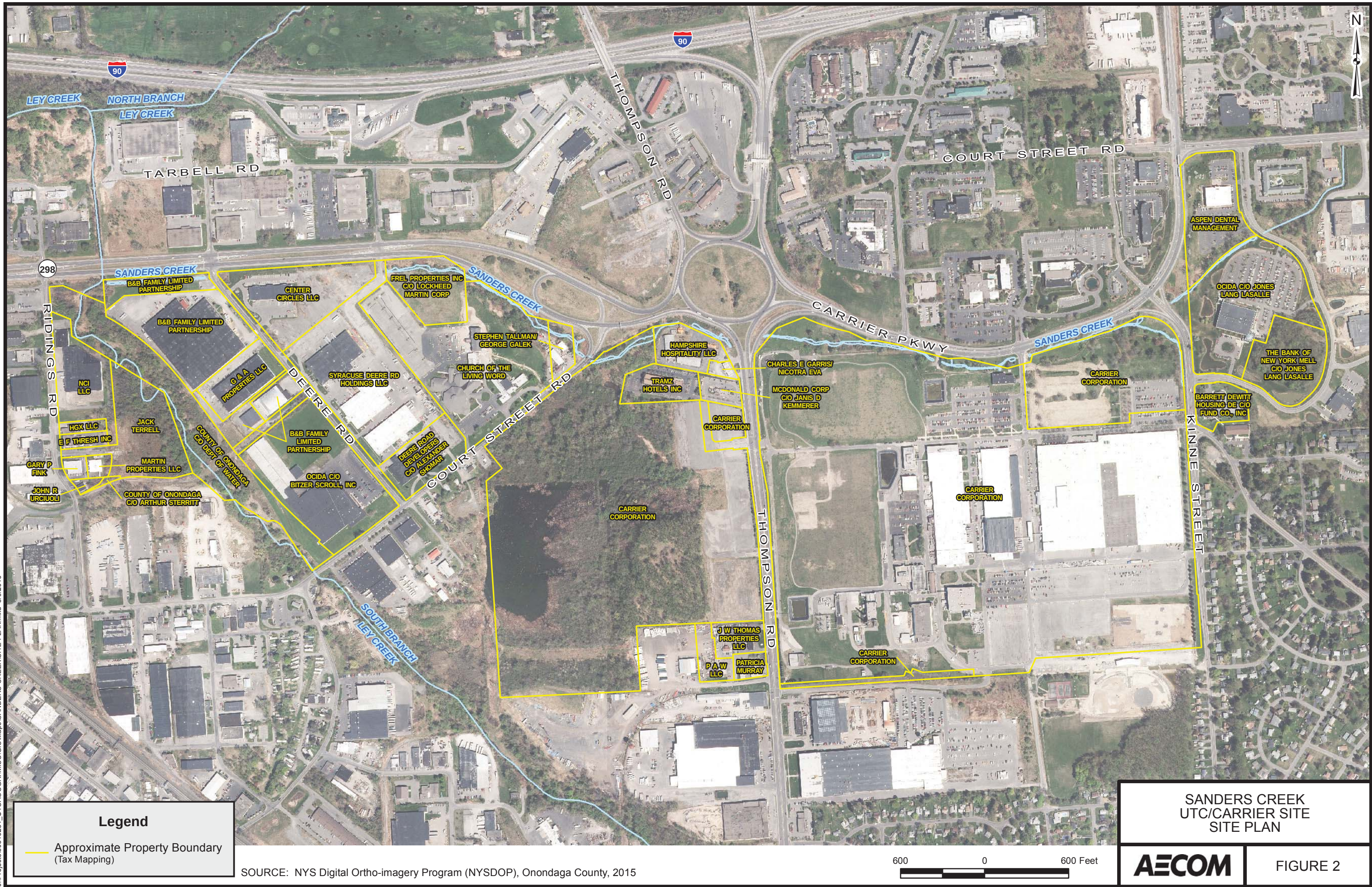
[SITE KEY] = 4 AND [MATRIX] = 'SO

Figures

J:\Projects\60310231_UTCAOCGRIM\ISCGIS\Maps\SANDERS CREEK\SITE LOCATION.mxd 8/9/2016



J:\Projects\60310231_UTCAOCGRIMISC\GIS\Maps\SANDERS CREEKS\SITE PLAN.mxd 8/9/2016



Legend

Approximate Property Boundary
(Tax Mapping)

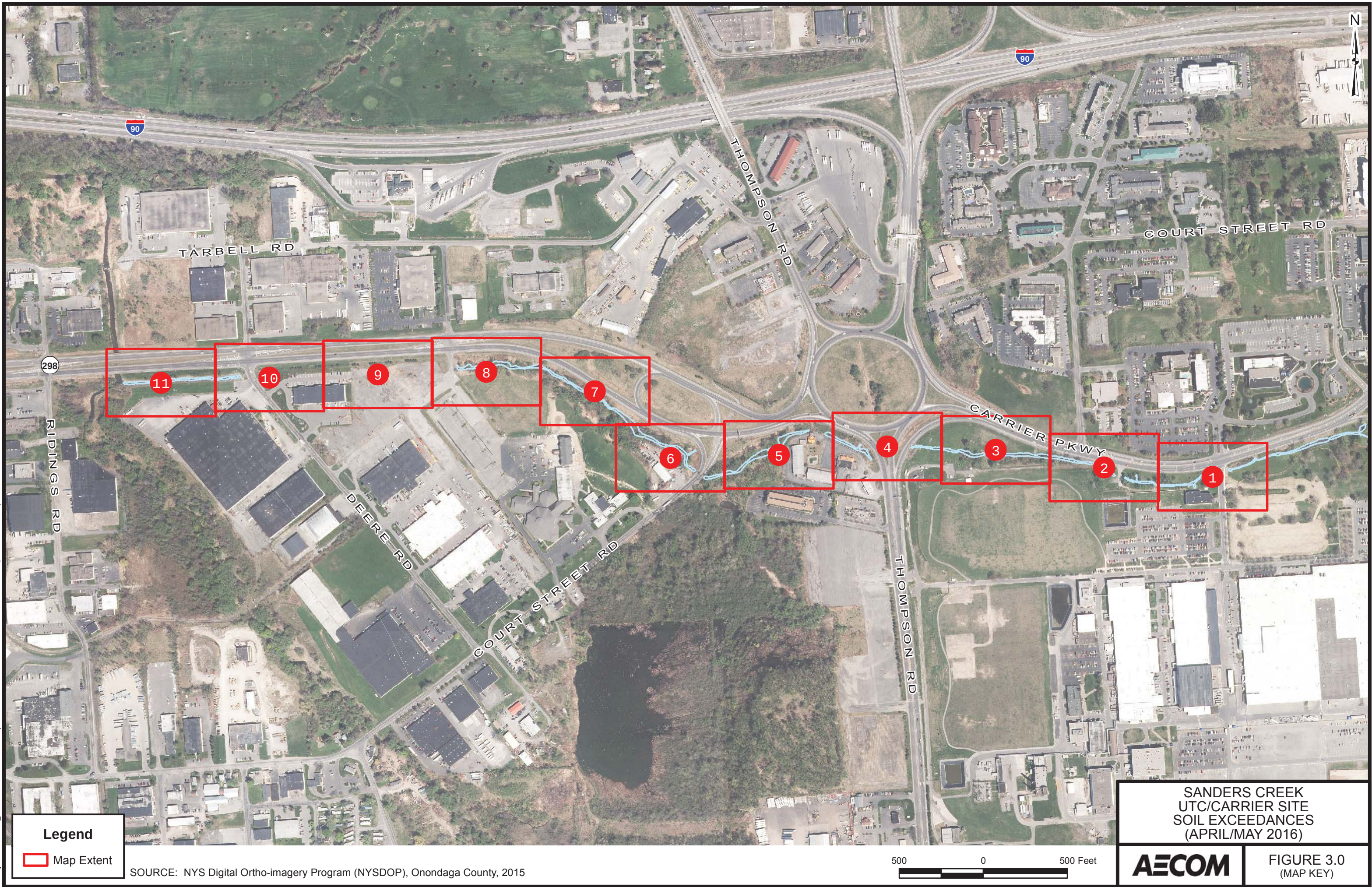
SOURCE: NYS Digital Ortho-imagery Program (NYSODP), Onondaga County, 2015

600 0 600 Feet

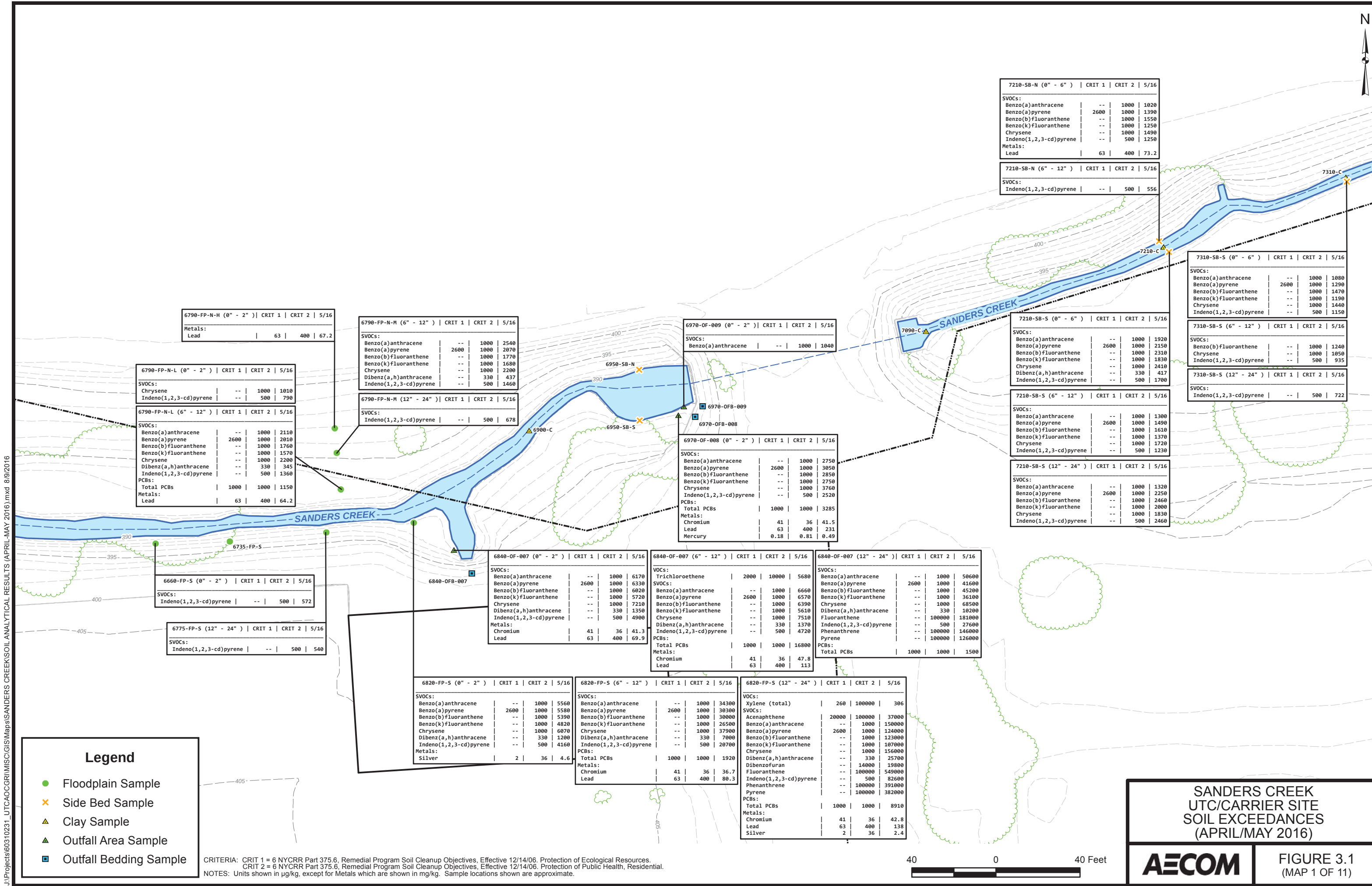
AECOM

FIGURE 2

J:\Projects\60310231_UTCAOCGRIMISC\GIS\Maps\SANDERS CREEK\SOIL ANALYTICAL RESULTS (APRIL-MAY 2016) - MAP KEY.mxd 8/9/2016



J:\Projects\60310231_UTCAOCGRIMISC\GIS\Maps\SANDERS CREEK\SOIL ANALYTICAL RESULTS (APRIL-MAY 2016).mxd 8/9/2016



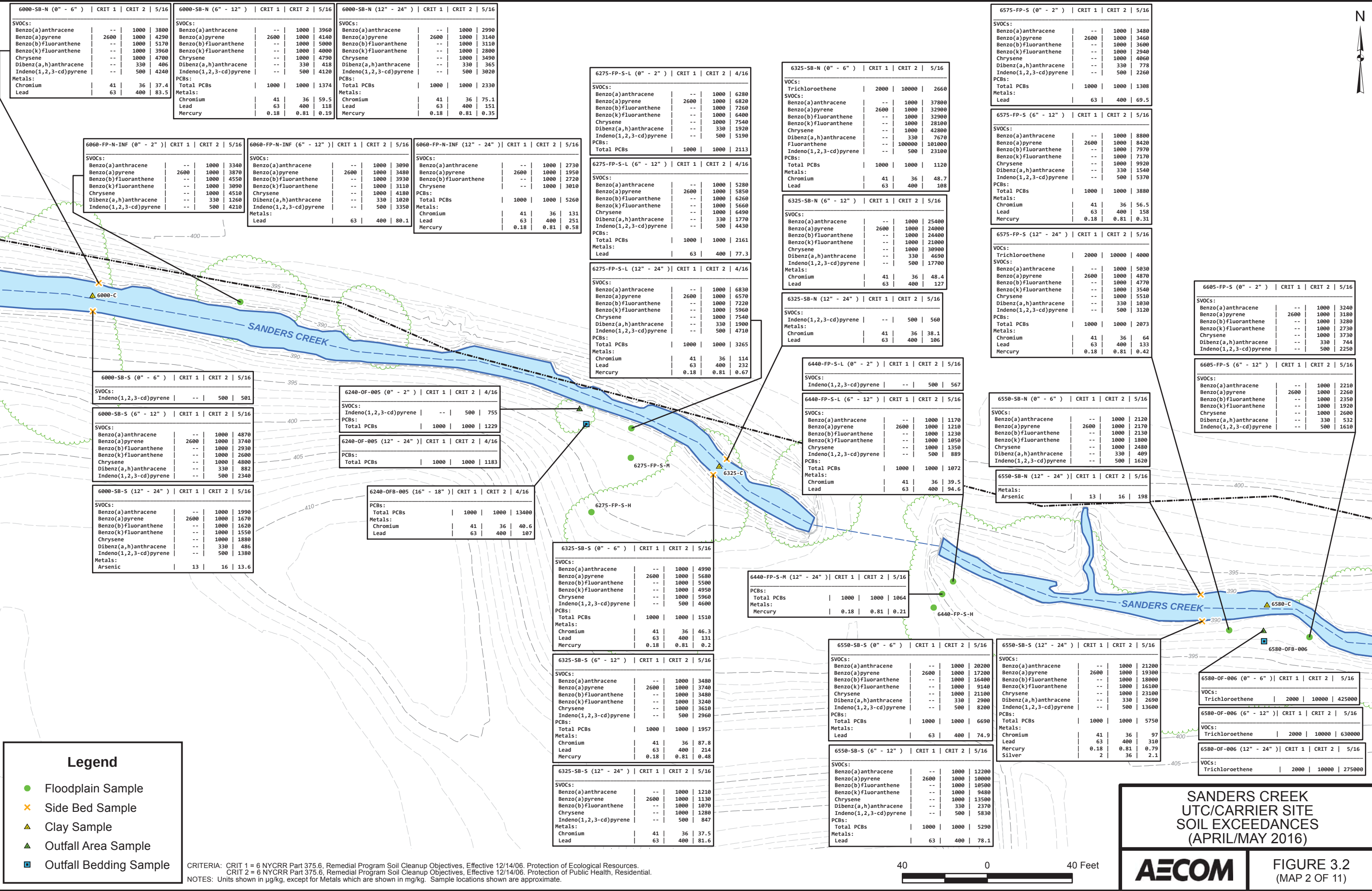
SANDERS CREEK
UTC/CARRIER SITE
SOIL EXCEEDANCES
(APRIL/MAY 2016)



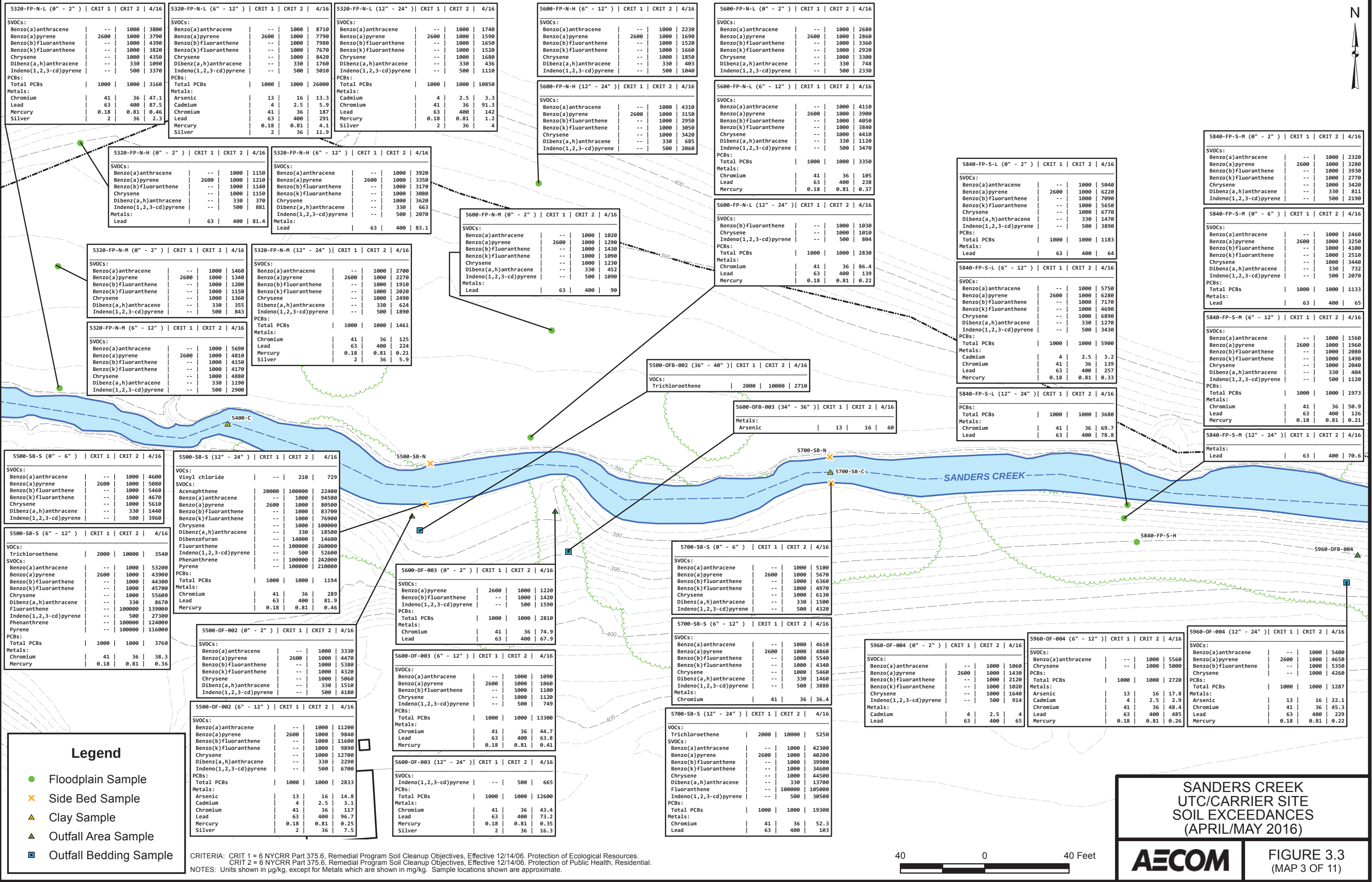
FIGURE 3.1
(MAP 1 OF 11)

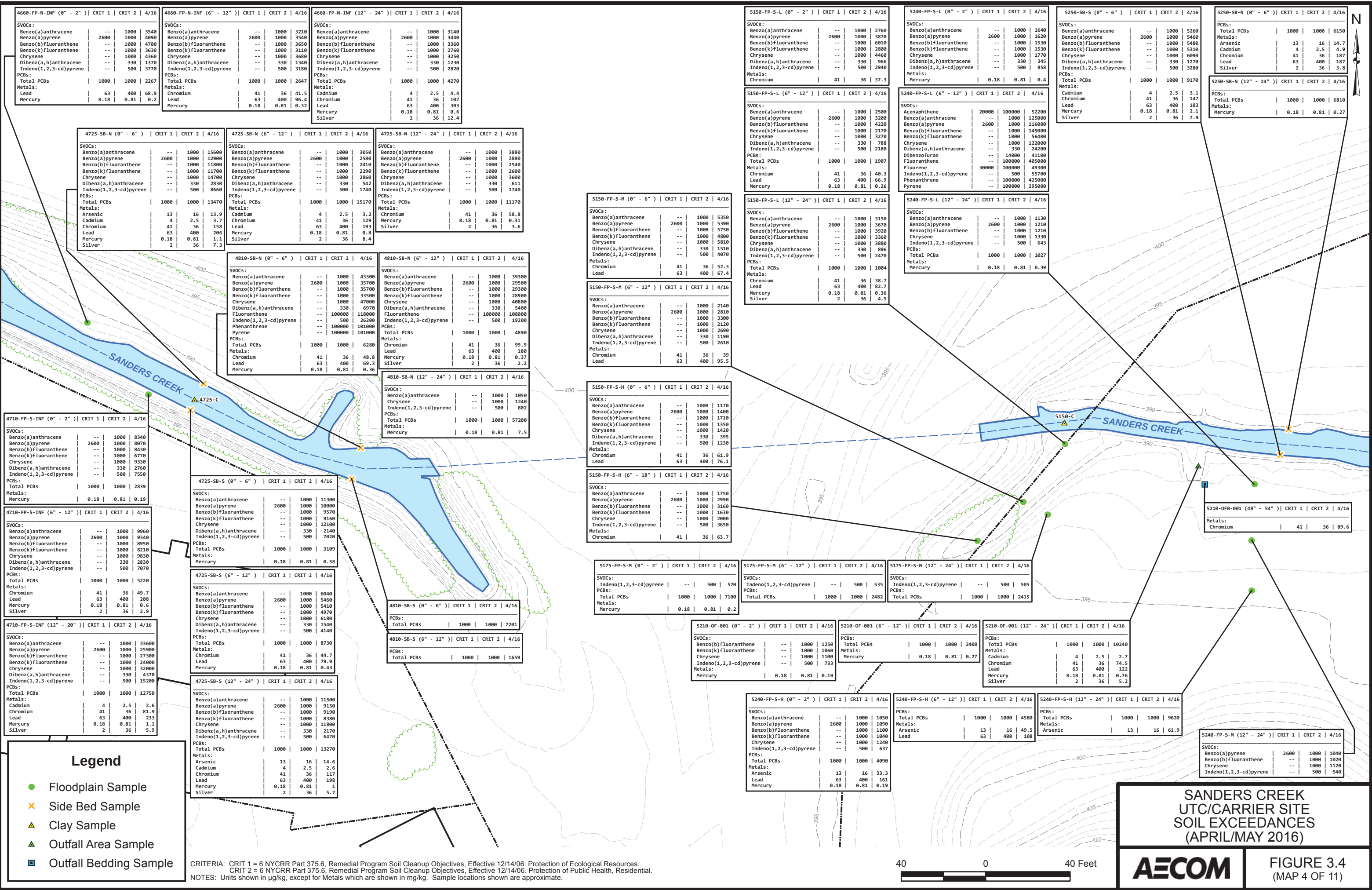


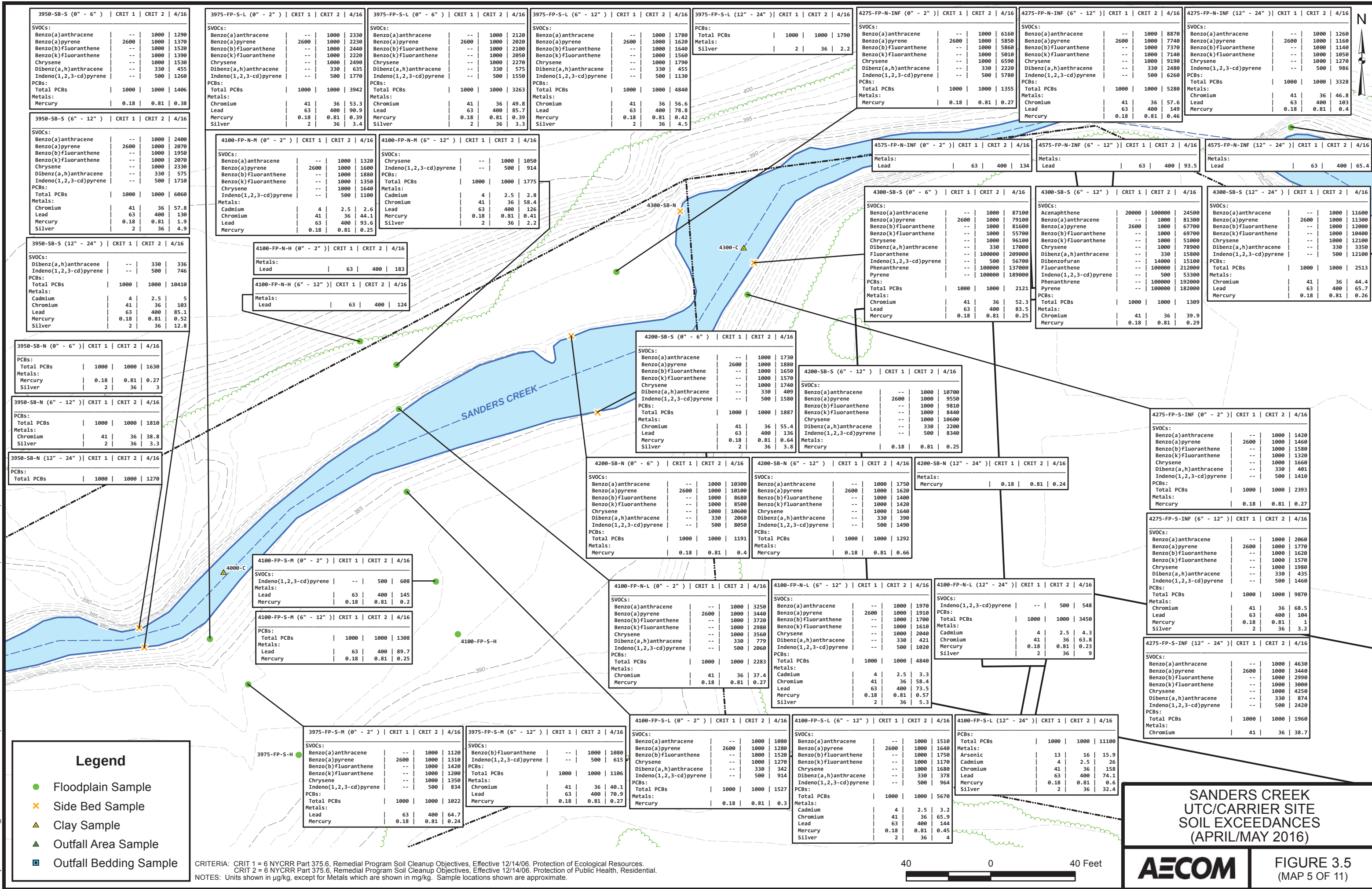
J:\Projects\60310231_UTCAOCRIUMISC\GIS\Mapas\SANDERS CREEK\SOIL ANALYTICAL RESULTS (APRIL-MAY 2016).mxd 8/9/2016

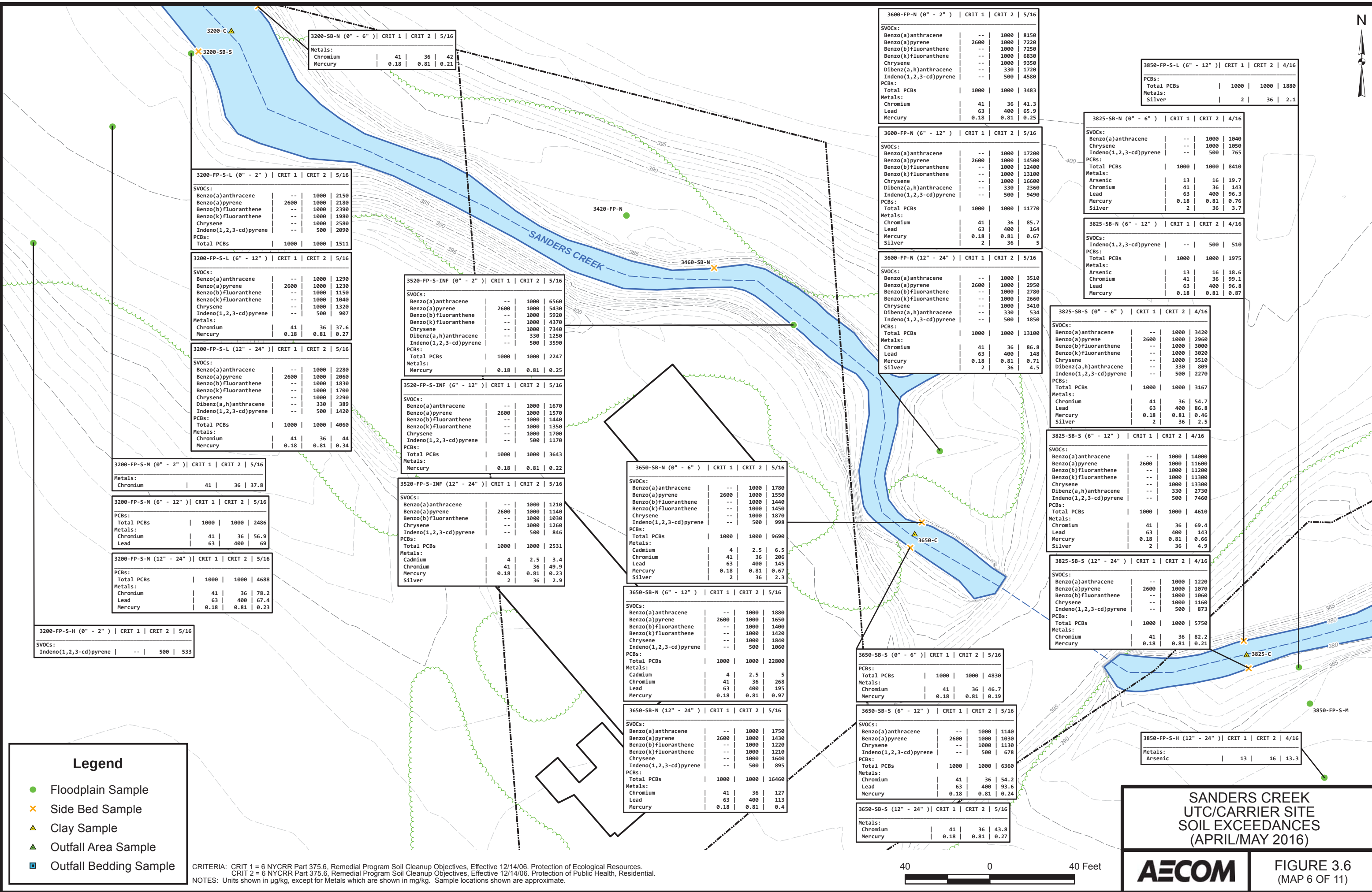


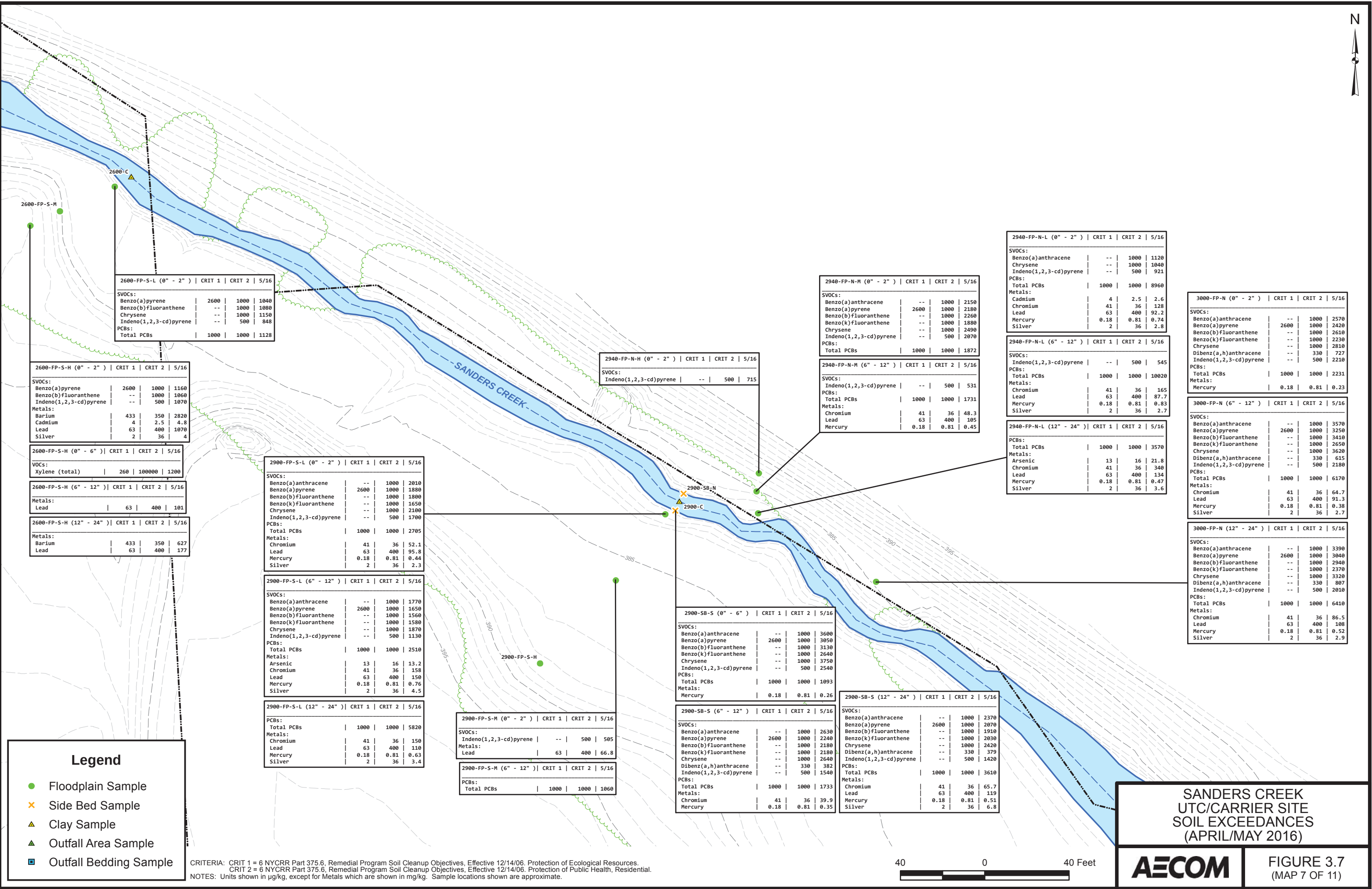
J:\Projects\60310231_UTCAOCGRIMISC\GIS\Maps\SANDERS CREEK\SOIL ANALYTICAL RESULTS (APRIL-MAY 2016).mxd 8/9/2016











CRITERIA: CRIT 1 = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.
CRIT 2 = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.
NOTES: Units shown in µg/kg, except for Metals which are shown in mg/kg. Sample locations shown are approximate.

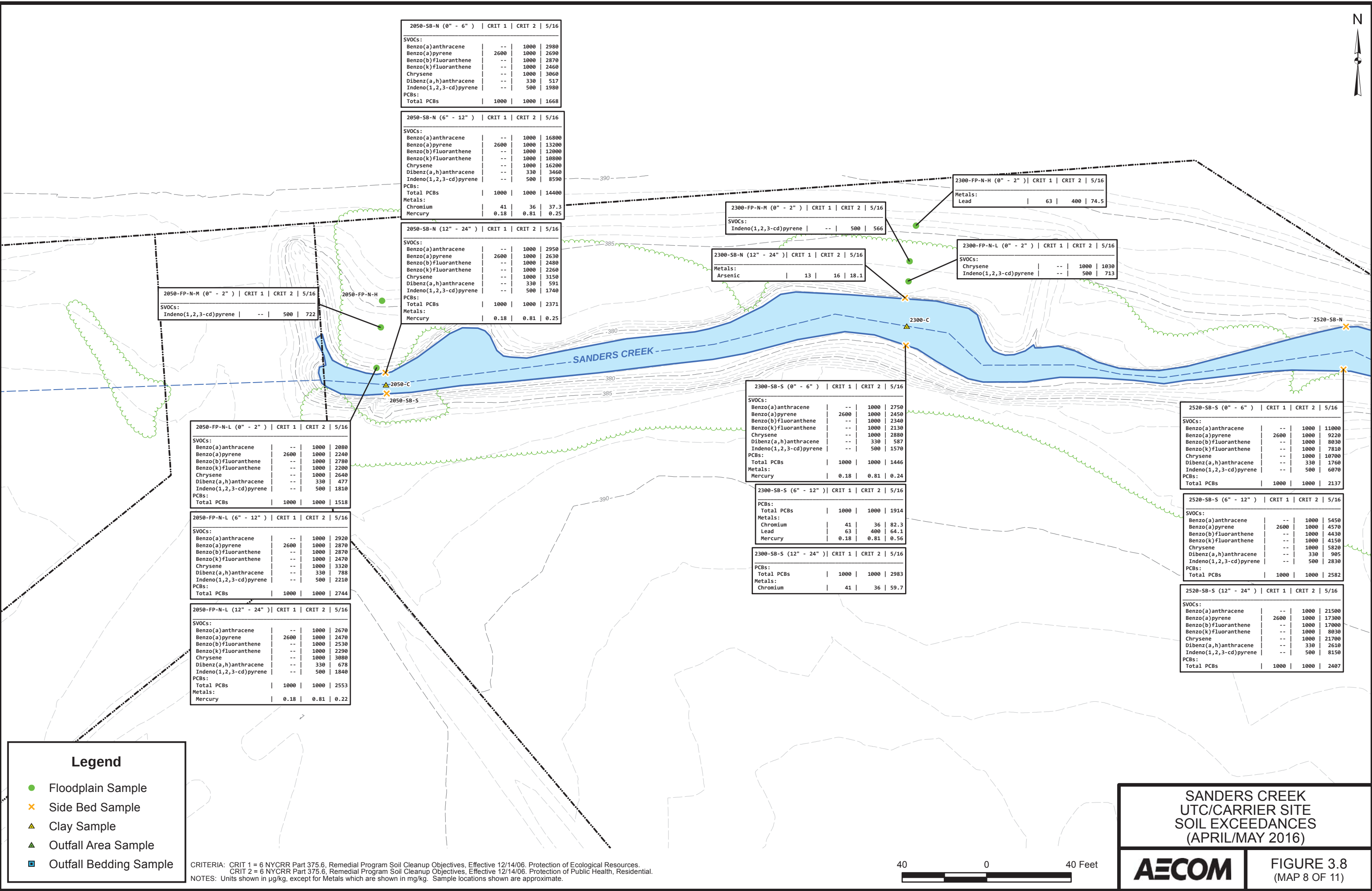
40 0 40 Feet

SANDERS CREEK
UTC/CARRIER SITE
SOIL EXCEEDANCES
(APRIL/MAY 2016)

AECOM

FIGURE 3.7
(MAP 7 OF 11)

J:\Projects\60310231_UTCAOCGRIMISC\GIS\Maps\SANDERS CREEK\SOIL ANALYTICAL RESULTS (APRIL-MAY 2016).mxd 8/9/2016



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Legend

Floodplain Sample

Side Bed Sample

Clay Sample

Outfall Area Sample

Outfall Bedding Sample

CRITERIA: CRIT 1 = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.
CRIT 2 = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.
NOTES: Units shown in µg/kg, except for Metals which are shown in mg/kg. Sample locations shown are approximate.



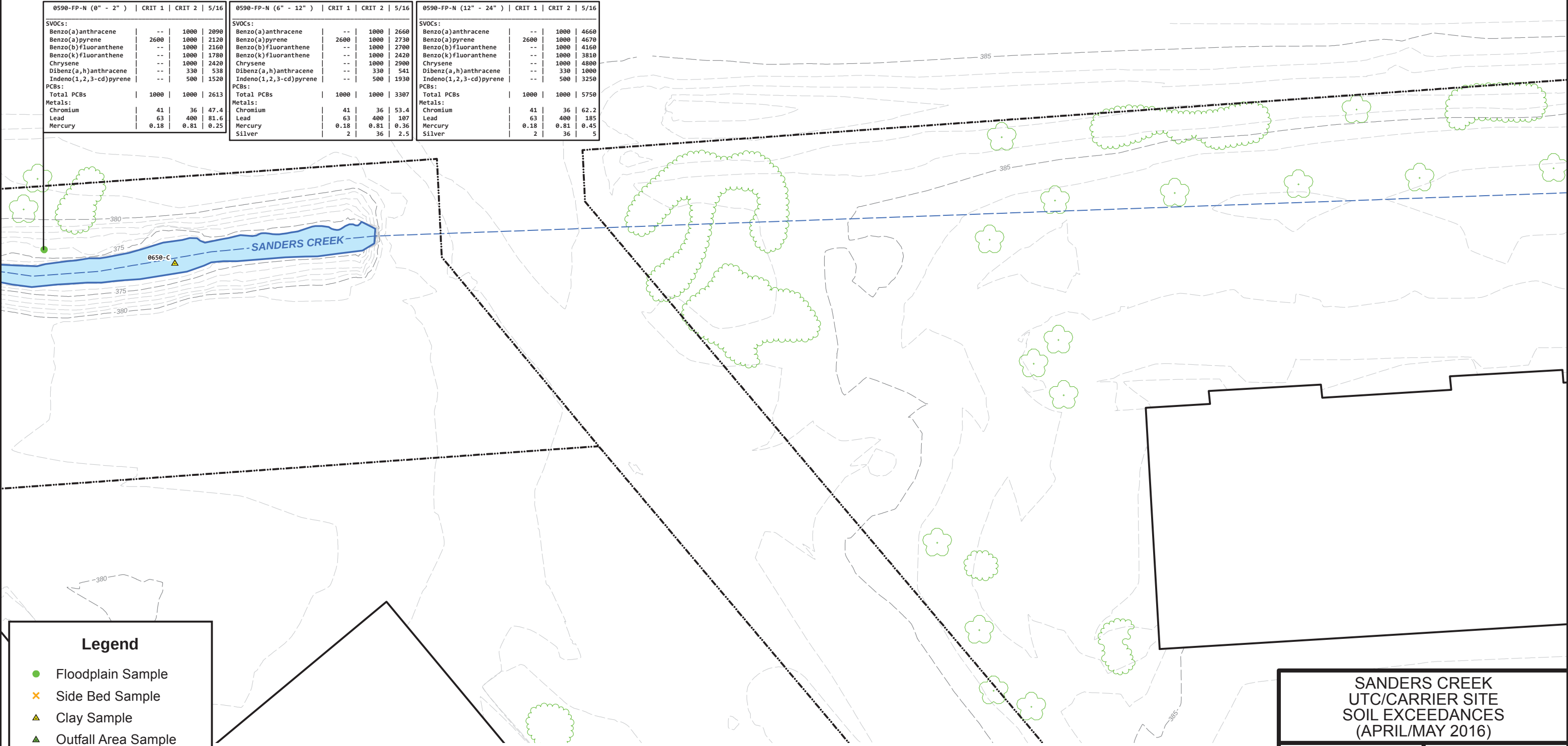
SANDERS CREEK
UTC/CARRIER SITE
SOIL EXCEEDANCES
(APRIL/MAY 2016)

AECOM

FIGURE 3.9
(MAP 9 OF 11)



0590-FP-N (0" - 2") CRIT 1 CRIT 2 5/16				0590-FP-N (6" - 12") CRIT 1 CRIT 2 5/16				0590-FP-N (12" - 24") CRIT 1 CRIT 2 5/16			
SVOCs:				SVOCs:				SVOCs:			
Benzo(a)anthracene	--	1000	2090	Benzo(a)anthracene	--	1000	2660	Benzo(a)anthracene	--	1000	4660
Benzo(a)pyrene	2600	1000	2120	Benzo(a)pyrene	2600	1000	2730	Benzo(a)pyrene	2600	1000	4670
Benzo(b)fluoranthene	--	1000	2160	Benzo(b)fluoranthene	--	1000	2700	Benzo(b)fluoranthene	--	1000	4160
Benzo(k)fluoranthene	--	1000	1780	Benzo(k)fluoranthene	--	1000	2420	Benzo(k)fluoranthene	--	1000	3810
Chrysene	--	1000	2420	Chrysene	--	1000	2900	Chrysene	--	1000	4800
Dibenz(a,h)anthracene	--	330	538	Dibenz(a,h)anthracene	--	330	541	Dibenz(a,h)anthracene	--	330	1000
Indeno(1,2,3-cd)pyrene	--	500	1520	Indeno(1,2,3-cd)pyrene	--	500	1930	Indeno(1,2,3-cd)pyrene	--	500	3250
PCBs:				PCBs:				PCBs:			
Total PCBs	1000	1000	2613	Total PCBs	1000	1000	3307	Total PCBs	1000	1000	5750
Metals:				Metals:				Metals:			
Chromium	41	36	47.4	Chromium	41	36	53.4	Chromium	41	36	62.2
Lead	63	400	81.6	Lead	63	400	107	Lead	63	400	185
Mercury	0.18	0.81	0.25	Mercury	0.18	0.81	0.36	Mercury	0.18	0.81	0.45
				Silver	2	36	2.5	Silver	2	36	5



Legend

Floodplain Sample

Side Bed Sample

Clay Sample

Outfall Area Sample

Outfall Bedding Sample

CRITERIA: CRIT 1 = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Ecological Resources.
CRIT 2 = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/14/06. Protection of Public Health, Residential.
NOTES: Units shown in µg/kg, except for Metals which are shown in mg/kg. Sample locations shown are approximate.



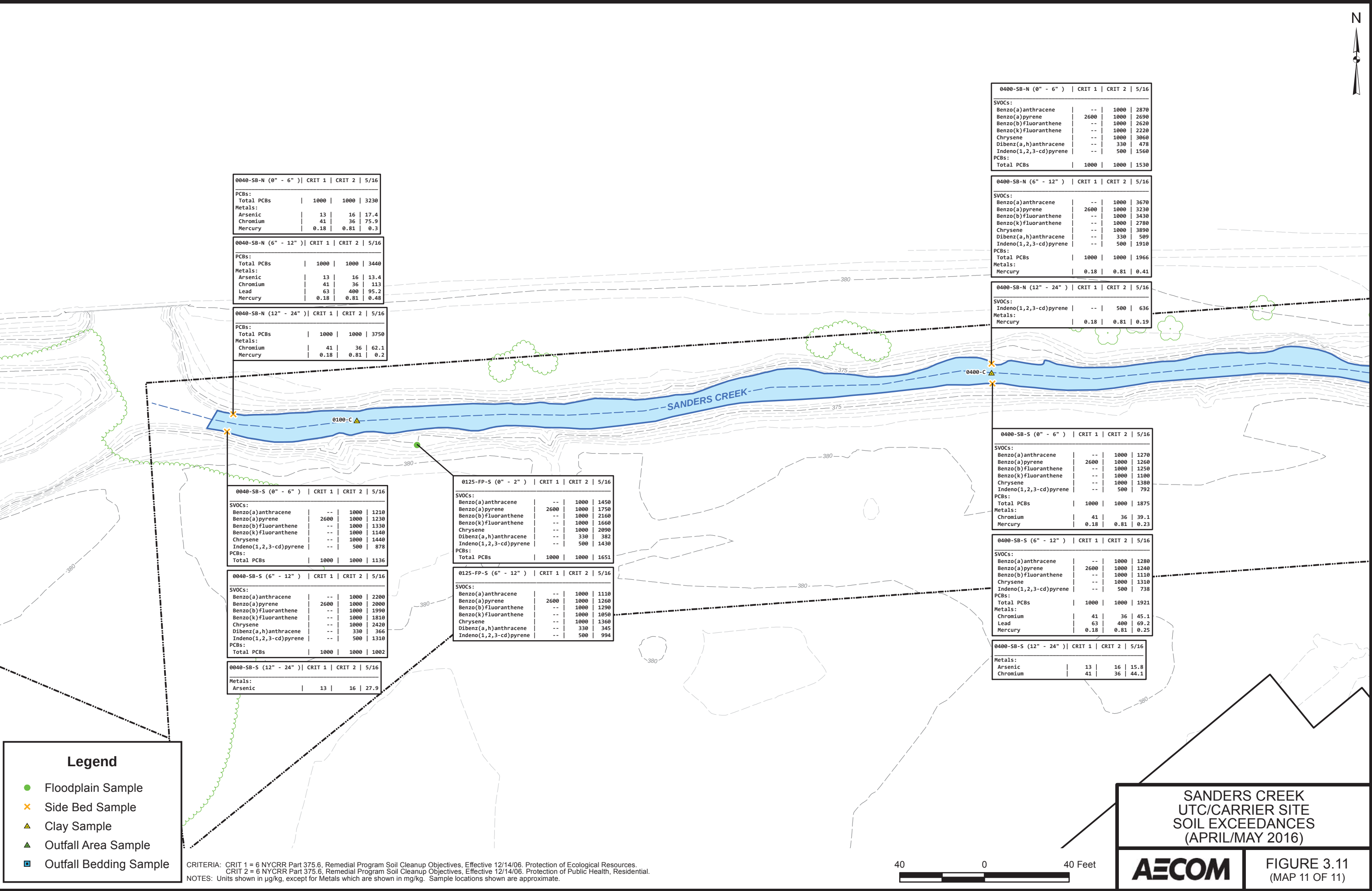
SANDERS CREEK
UTC/CARRIER SITE
SOIL EXCEEDANCES
(APRIL/MAY 2016)

AECOM

FIGURE 3.10
(MAP 10 OF 11)

J:\Projects\60310231_UTCAOCGRIMISC\GIS\Maps\SANDERS CREEK\SOIL ANALYTICAL RESULTS (APRIL-MAY 2016).mxd 8/9/2016

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SANDERS CREEK
UTC/CARRIER SITE
SOIL EXCEEDANCES
(APRIL/MAY 2016)



FIGURE 3.11
(MAP 11 OF 11)

Appendix A

Field Sampling Logs

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 0040-SB-N

Date/Time:

5/9/16

Samplers:

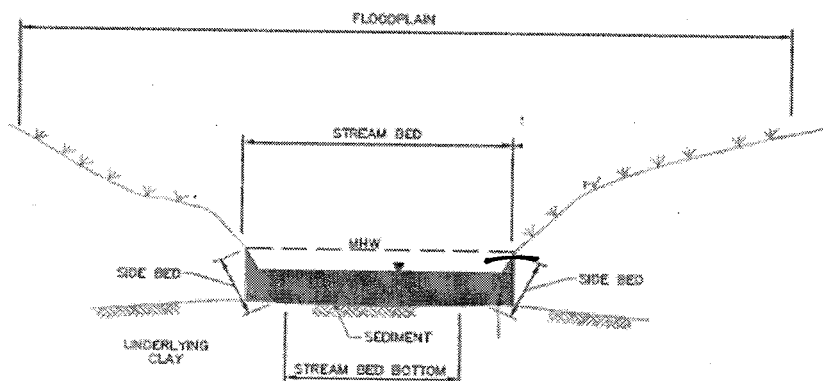
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brn; Silt; Some F SAND; little organics; moderately compact; wet.	0.0	
6"			
12"	12-24" - Brn; F SAND; Some Silt; little Root Fraggs; loose; moist.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 0040-SR-5

Date/Time:

5/9/16

Samplers:

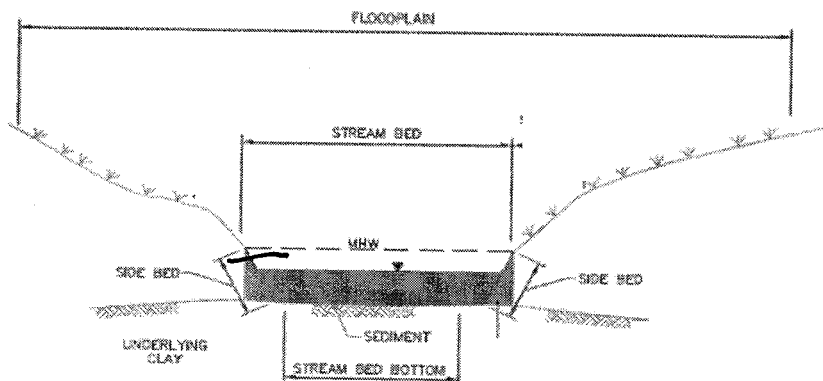
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Bw; F SAND, some Silt, Trace F Gravel; Trace organic Debris; loose; wet.	0.0	
6"			
12"	18-24" - Bw; clay; little Silt; Trace F SAND; soft; wet		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 00100-C

Date/Time:

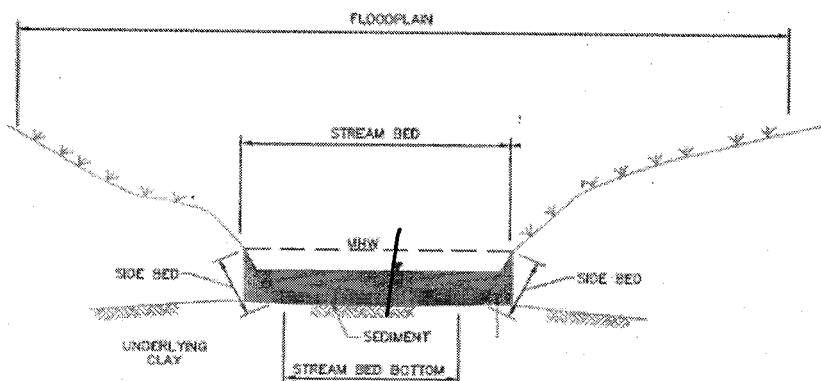
5/6/16Samplers: 105

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Bkn/Gray, Clay; Trace Silt; Soft; wet.	0.0	
6"			
12"			
18"			
24"			

Sample 0-6"

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 0125-FP-S

Date/Time: 5/9/16

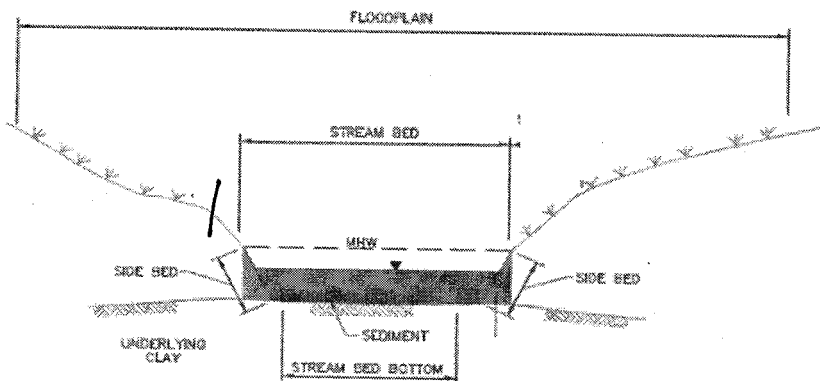
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BW; F SAND; little Silt; little Root Fragments; Loose; Dry.	0.0	
6"			
12"	12-24" - BW; Silt; little F SAND, Trace clay; compact; Dry.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

0400-C

Date/Time:

5/6/16

Samplers:

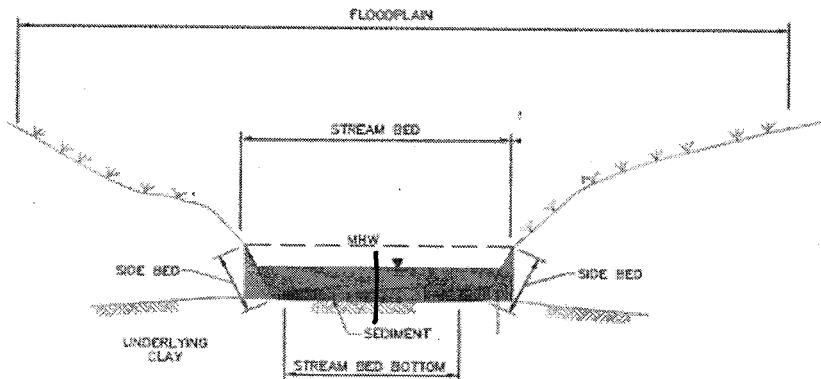
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Gray ; Clay ; Soft. Wet.	0.0	
6"			
12"			
18"			
24"			

sample @ 0-6"

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

0400-SR-N

Date/Time:

5/9/16

Samplers:

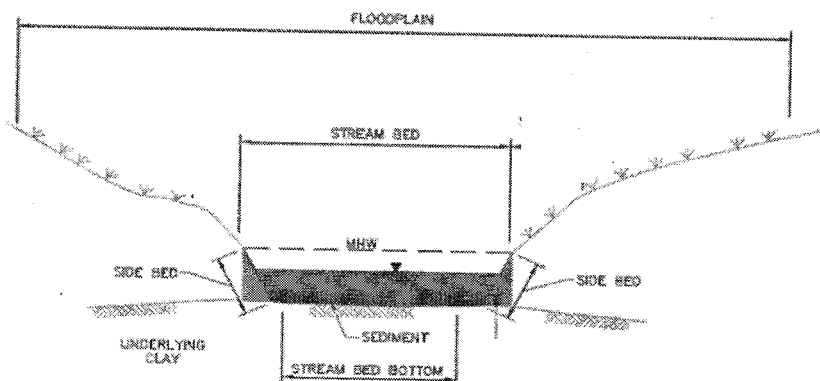
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Bm; Silt and FSAND. Some Root Fragments! Compact; moist	a.1	
6"			
12"		a.1	
18"		a.2	
24"		a.4	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 0400-SB-S

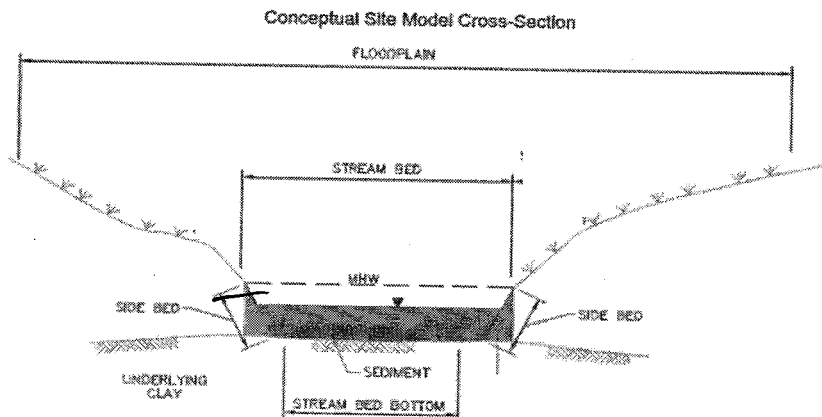
Date/Time: 5/9/16

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-10" - Bw; Silt and F SAND; Some Root Fragments; compact; wet.	0.0	
6"			
12"	10-24" - Gray; Clay; soft; wet	↓	
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

0590 - FP - N

Date/Time:

5/9/16

Samplers:

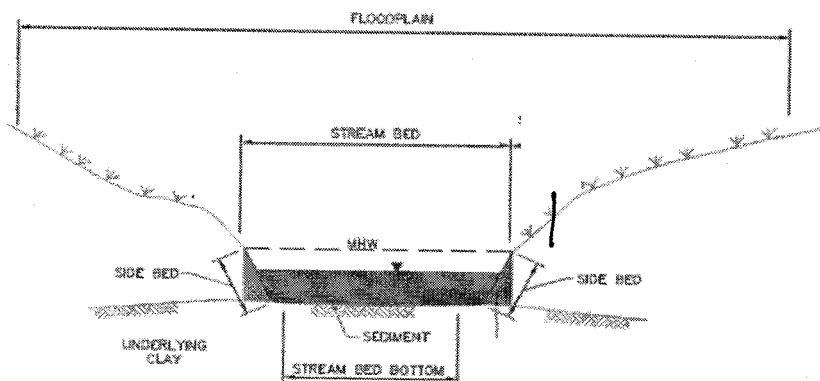
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Brn; F SAND; little Silt; little Root FragS; Trace F Gravel; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

0650-C

Date/Time:

5/6/16

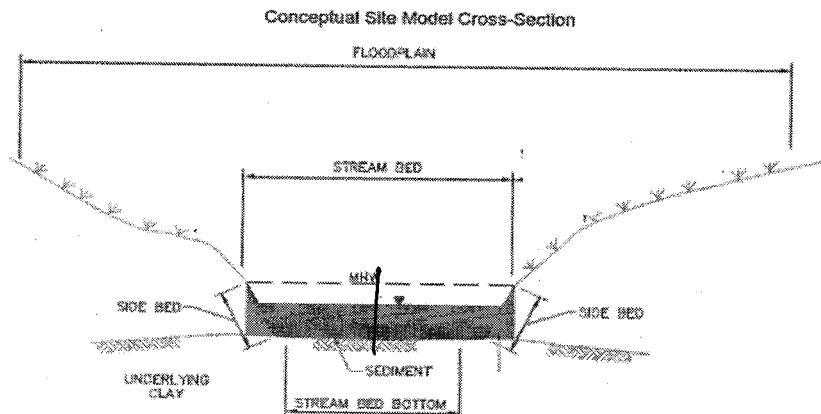
Samplers:

KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Gray ; Clay ; Soft ; Wet.	0.1	
6"			
12"			
18"			
24"			

Sample @ 0-6"

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2050-SB-S

Date/Time:

5/4/16

Samplers:

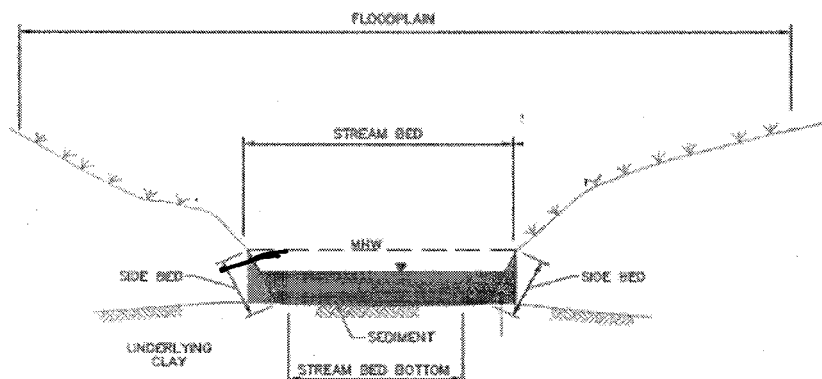
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Brn; Clay; little Silt; Compact; moist		
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2050-SB-N

Date/Time:

5/4/16

Samplers:

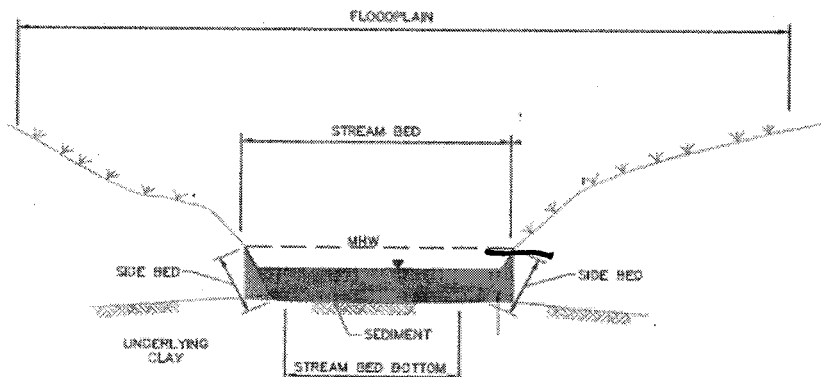
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Brn FSAND; some Silt; some Part Fragments; Trace Clay; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

2050-C

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

250

Date/Time:

5/4/16

Samplers:

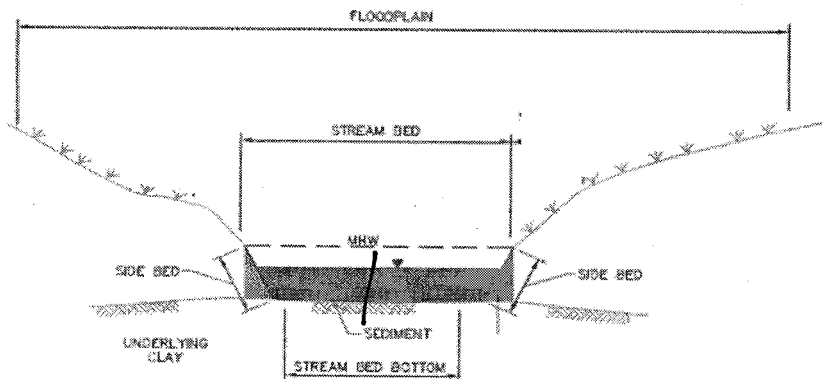
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-3' - Gray Clay ; Very Soft; wet.	0.0	
6"			
12"			
18"			
24"			

BoB = 3'

Sample 0-6"

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2050-FP-N-2

Date/Time:

5/4/16

Samplers:

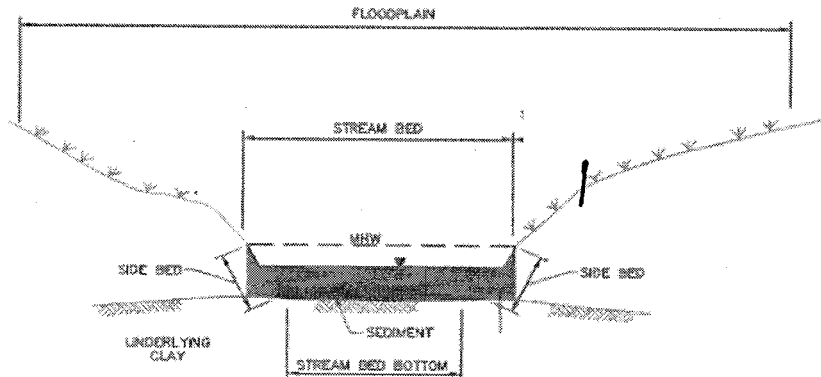
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Bw, F-M SAND; little Silt; little root fragments; loose; Dry.		
6"			
12"			
18"	12-24" - Bw; F SAND; some Silt; Trace F Gravel; loose; Dry.		
24"			

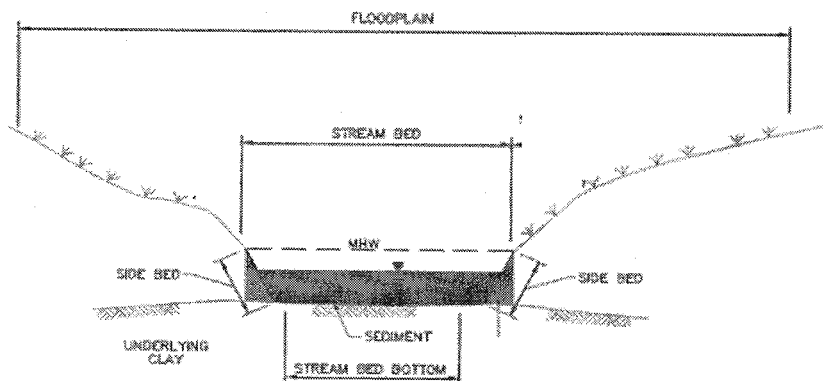
Sample Location: 2050-FP-N-MDate/Time: 5/4/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BW; F-M SAND; little silt; little Root Fragments; loose; Dry		
6"			
12"	12-24" - BW; F SAND; some silt; Trace F Gravel; compact; Dry		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2050-FP-N-H

Date/Time:

5/4/16

Samplers:

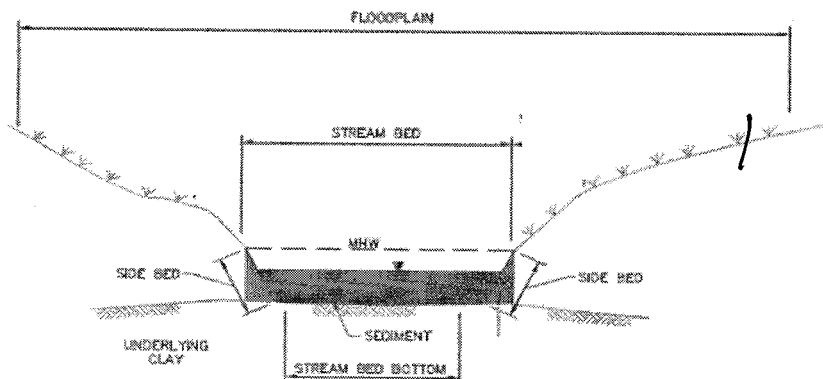
VS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BRN; F-C Gravel; little F-C SAND; Trace Silt; loose; Dry	de	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2300-FP-N-H

Date/Time:

5/5/16

Samplers:

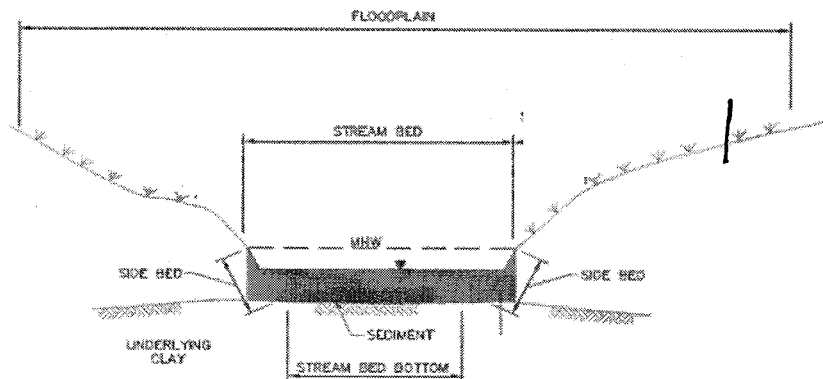
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BRN; F SAND and Silt; Some organics; loose; Dry	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2300-FP-N-M

Date/Time:

5/5/16

Samplers:

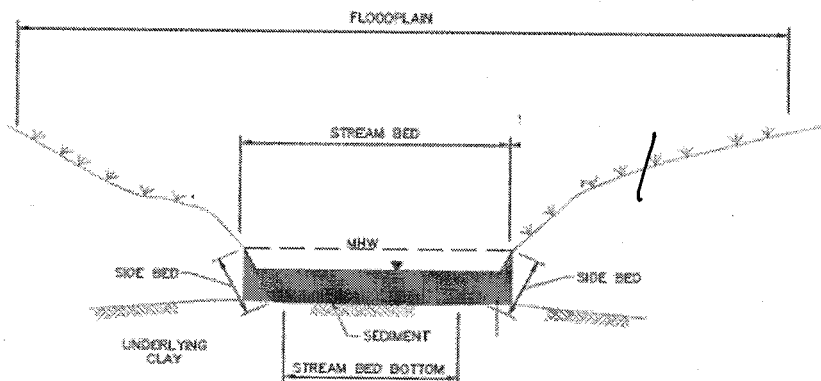
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BIN; F SAND; Some Silt; Some organics; Some Root Fragments; loose; Dry	1.0	
6"			
12"	12-24" - BIN; Silt; Some F SAND; Compact; Moist	0.7	
18"		1.2	
24"		1.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2300-FP-N-L

Date/Time:

5/5/16

Samplers:

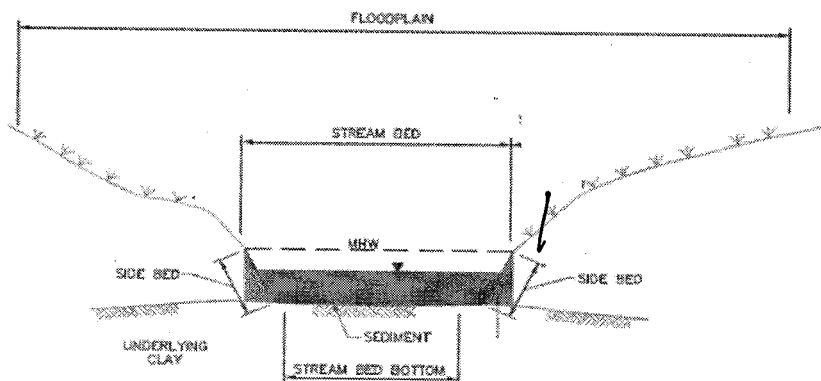
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Bw; F SAND; Same Silt; Same Root Fragments; Little organic debris; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2300-SB-S

Date/Time:

5/5/16

Samplers:

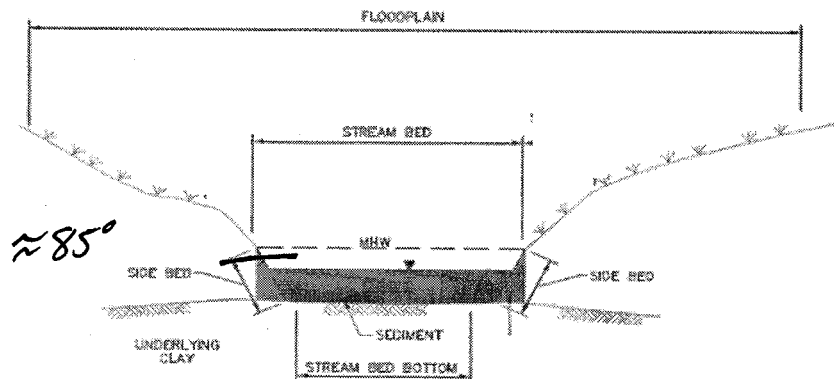
1B

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brn; FSAND and Silt; Some Root Frags and organics; loose; moist.	0.0	
6"			
12"	12-24" - Brn; Silt; Some Clay; Trace FSAND; Compact; WET		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2300-SB-N

Date/Time: 5/5/16

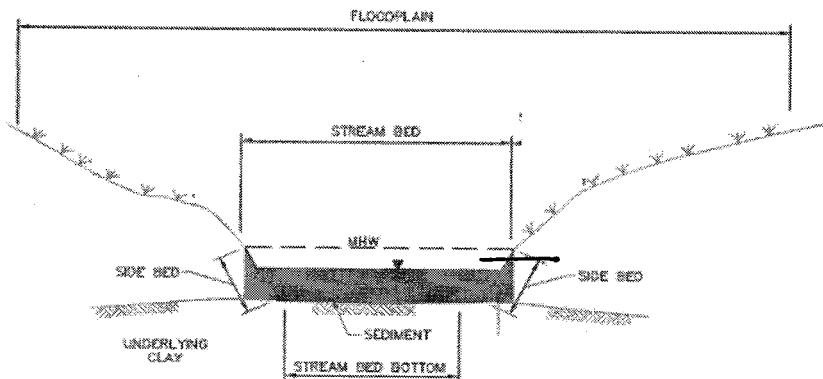
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Bw/gray ; Clay ; little Silt ; Compact ; wet	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2300-C

Date/Time: 5/5/16

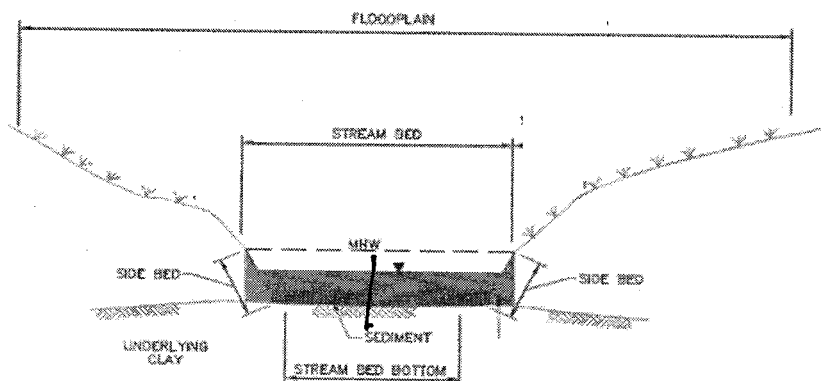
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Gray; clay; loose; wet	0.0	
6"			
12"			
18"			
24"			

Sample @ 0-6"

AECOM

SANDERS CREEK SEDIMENT SAMPLING

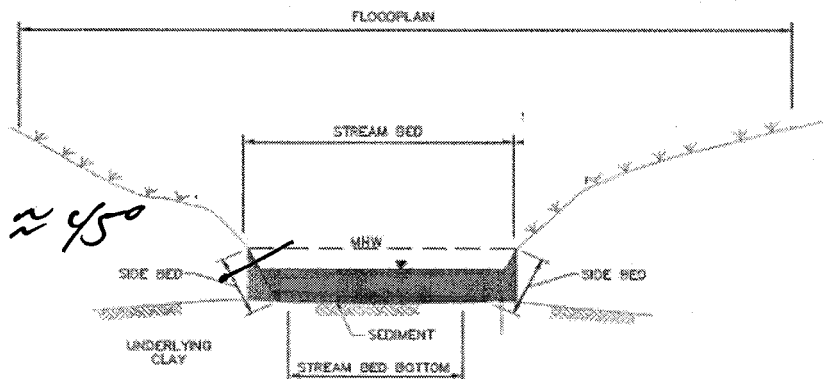
Sample Location: 2520-SB-SDate/Time: 5/5/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Brn; F SAND; little silt; Some Root Fragments; loose; dry.	0.3	
6"			
12"	6-24" - Brn; F-M SAND; little silt; little F-C Gravel; loose; wet.	0.5	
18"		0.4	
24"		0.7	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

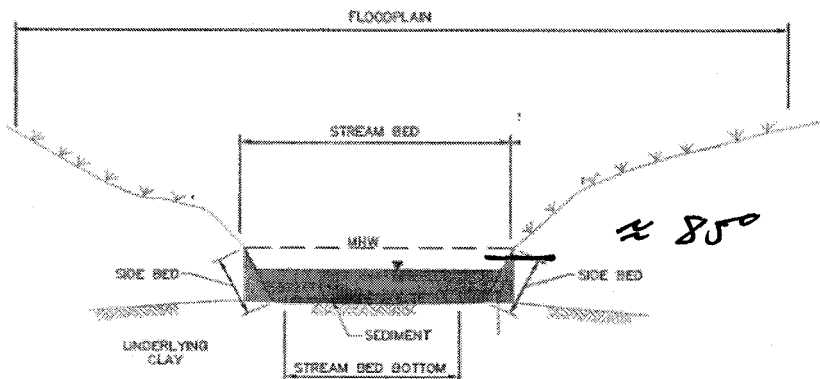
Sample Location: 2520-SB-NDate/Time: 5/5/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" Brn; F-C SAND; Same F-C Gravel upto 2" diameter; little silt; loose; wet.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2600-FP-S-L

Date/Time:

5/5/16

Samplers:

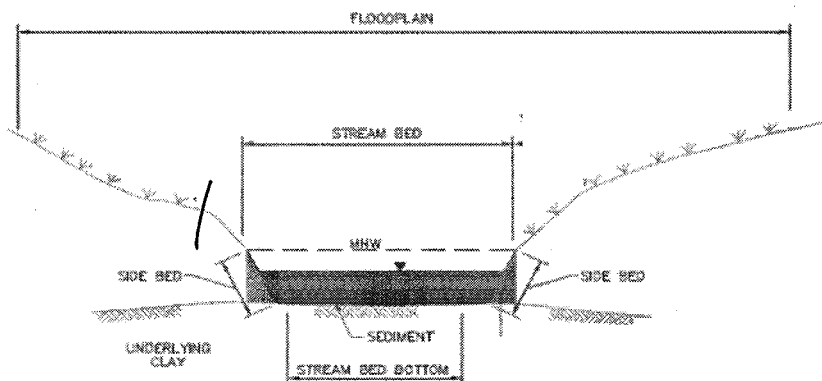
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BW; F-M SAND; little Silt; little Root Fragment. loose; Dry	0.2	
6"			
12"		0.2	
18"		0.2	
24"		0.1	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2600-FP-5-M

Date/Time:

5/5/16

Samplers:

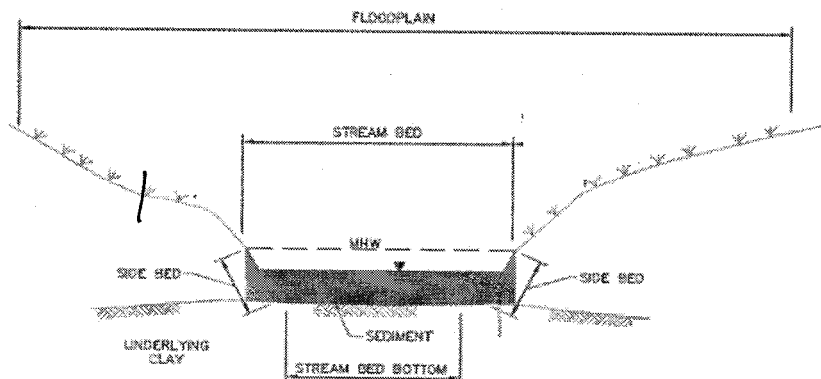
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BIN: FSAND; 1/4" Silt; Some Root Frags; 100SP; Dry.	0.0	
6"			
12"	12-24" - BIN: FSAND; Some Silt; Compact; Dry		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2600-FP-S-14

Date/Time:

5/5/16

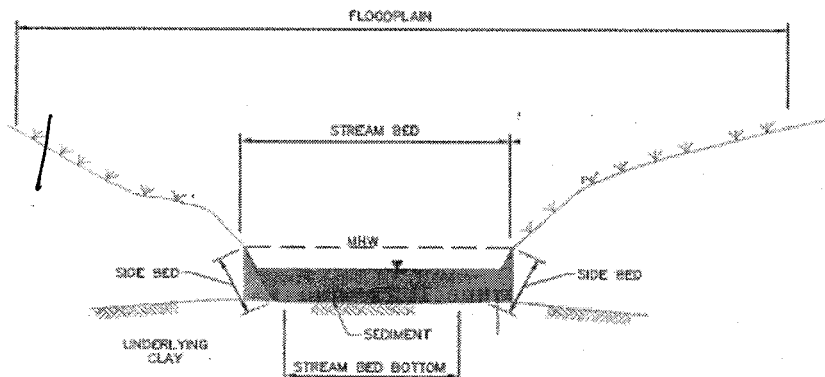
Samplers:

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Brn; F SAND; little Silt; little organics and Root Fragments; loose; Dry.		
6"			
12"	6-24" - Light Brn; Silt; some F SAND; compact; Dry.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2600-C

Date/Time:

5/5/16

Samplers:

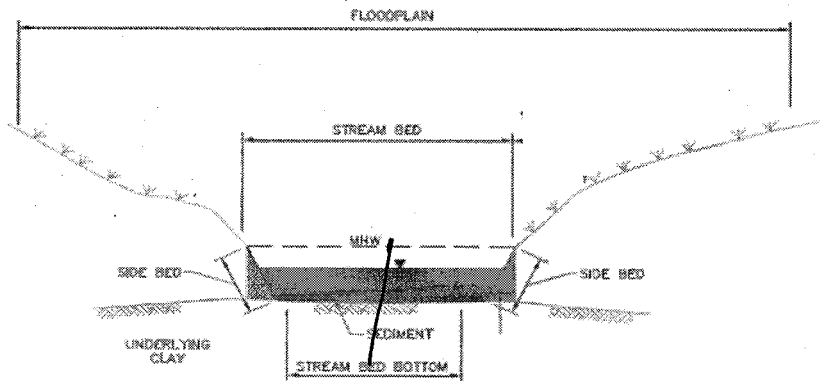
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1' Bw; F.C Gravel upto 3" dia; Same F.C SAND; little Silt; loose; wet.		
6"			
12"	1-5' Bw; Silty F. SAND; Same F-M Gravel; Very Compact; Moist		dense Till-like Texture
18"			
24"			

Sample 1-1.5', 4.5-5

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2900-C

Date/Time: 5/5/16

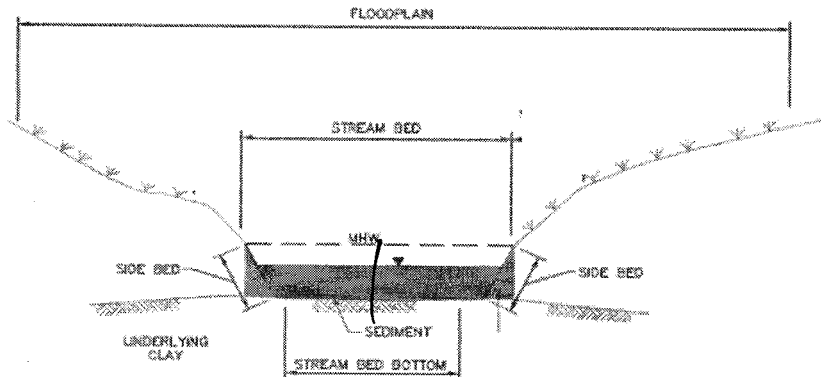
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2 - Drk Gray ; Clay ; loose ; SOFT ; wet.	0.0	clay visible @ Creek Bed Surface
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2900-FP-S-L

Date/Time:

5/6/16

Samplers:

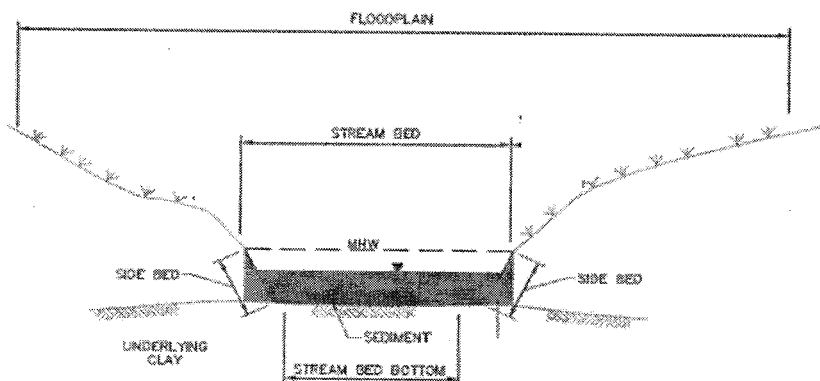
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" Brn; F SAND; Same Silt; Same organics; loose; Dry. ↓	0.0	
6"			
12"			
18"			
24"		✓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2906-FP-S-M

Date/Time:

5/6/16

Samplers:

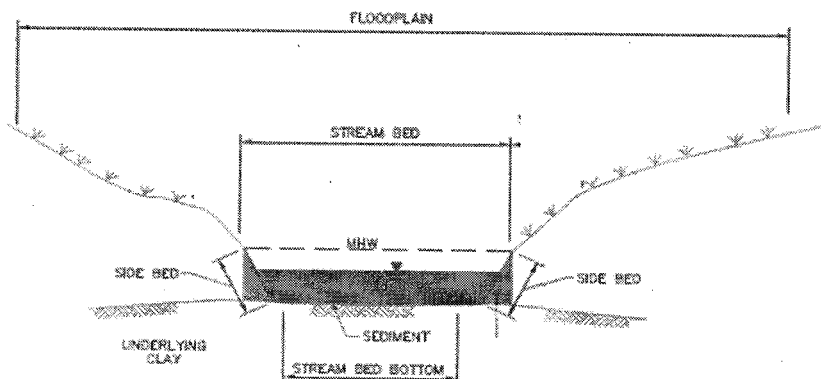
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Brn; F SAND; Some Silt; Some organics; loose; Dry.		
6"			
12"			
18"	18-24" - Brn; Silt; Some F SAND;		
24"	Trace Root Fragments; compact; Moist.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2900-FP-S-H

Date/Time:

5/5/16

Samplers:

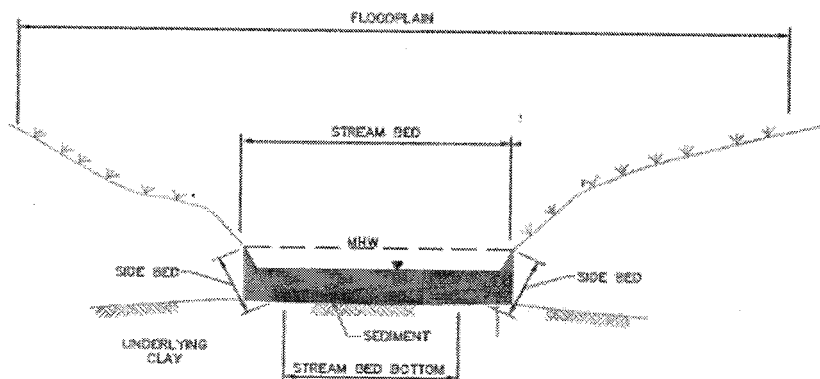
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - RW; F SAND; some Silt; some Root Fragments; Trace F Gravel; loose; Dry	0.3	
6"			
12"	12-24" - RW; F-M SAND; little Silt; little F-M Gravel; loose; Dry.	1.0	
18"		0.9	
24"		0.4	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2400-SB-N

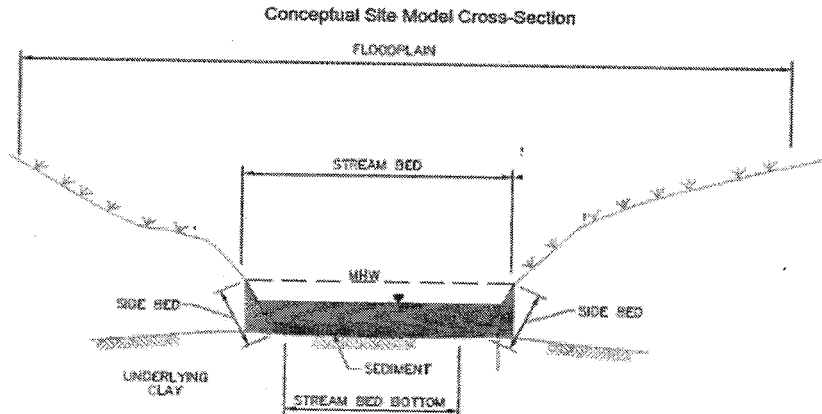
Date/Time: 5/26/16

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BRN; F-M SAND; little silt; little root fragments; loose; moist	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2900-SR-S

Date/Time:

5/6/16

Samplers:

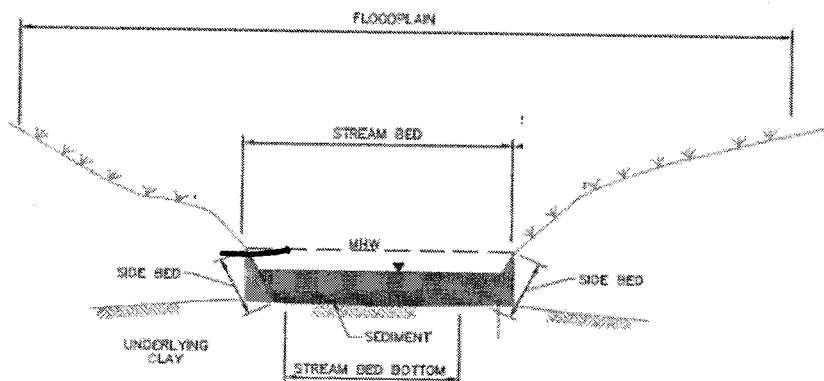
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Bw; F SAND; Some Silt; Some organics and Root Fragments; loose; moist	0.2	
6"			
12"	12-24" - Bw; silt; little F SAND; little Root Fragments; compact; moist.	0.1	
18"		0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2940-FP-N-L

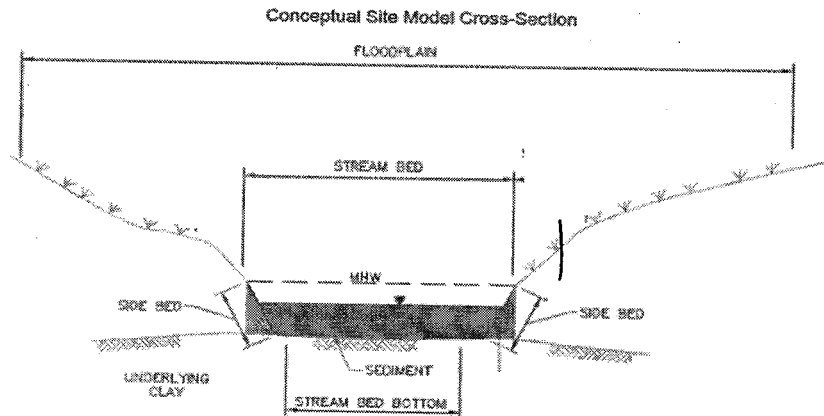
Date/Time: 5/6/16

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	0-24" - Brn; F-M SAND; Same Pool Frags; TRACE silt; Loose; Dry	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

2940-FP-N-M

Date/Time:

5/6/16

Samplers:

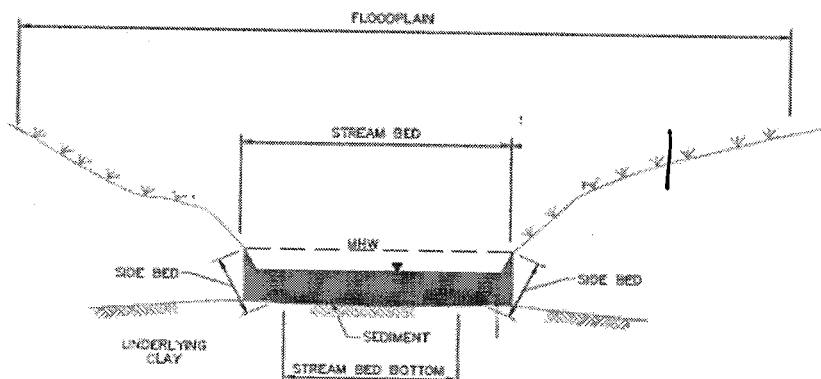
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brn; F SAND; Some Silt; Some organics and root fragments; loose; Dry.	0.0	
6"			
12"	12-24" - Brn; Silt; little F SAND Compact; Dry.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 2940-FP-N-H

Date/Time: 5/6/16

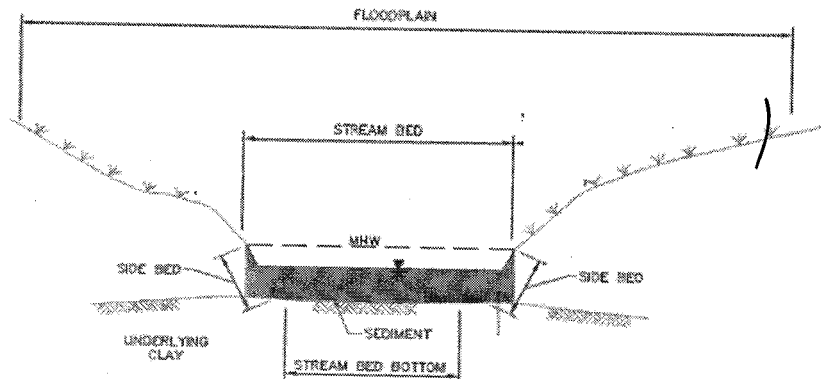
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Bw; F SAND; little Silt; Some Root Fragments; loose; MOIST	0.3	
6"			
12"	6-24" - Bw; Silt; little F SAND; Compact; MOIST	0.1	
18"		0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

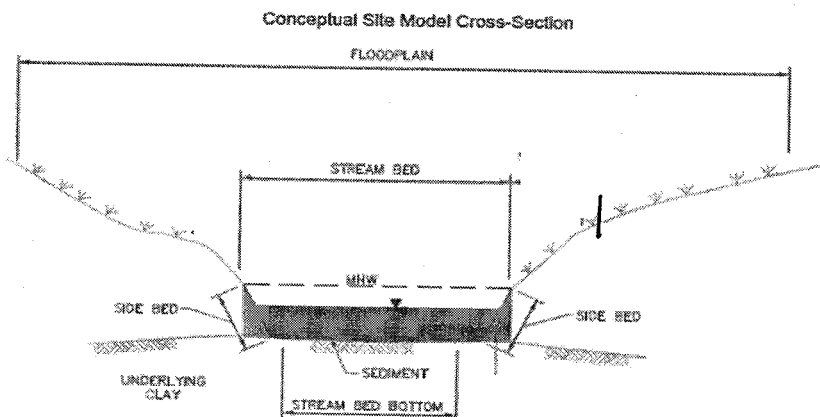
Sample Location: 3000 - FP-N
 Samplers: KS

Date/Time: 5/6/16

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
 (Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Bw F SAND; some Silt; Some organics and root Fragments; loose; Dry.	0.0	
6"			
12"	12-24" - Bw. Silt. little F SAND; Compact; Dry		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3200-C

Date/Time:

5/5/16

Samplers:

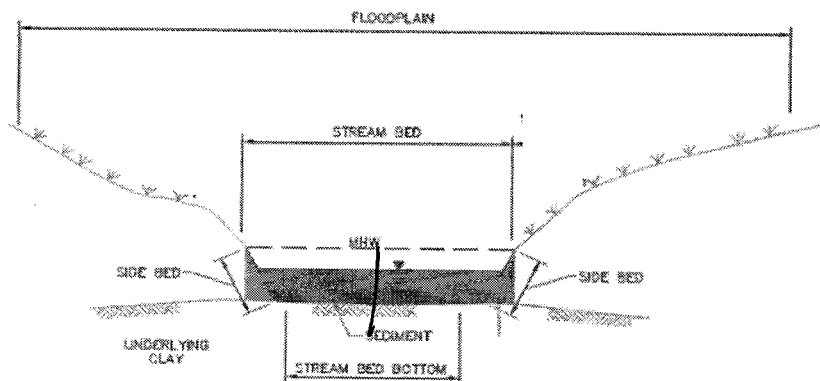
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Gray; Clay; Soft; wet	0-1	clay @ surface
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3200-SB-N

Date/Time:

5/6/16

Samplers:

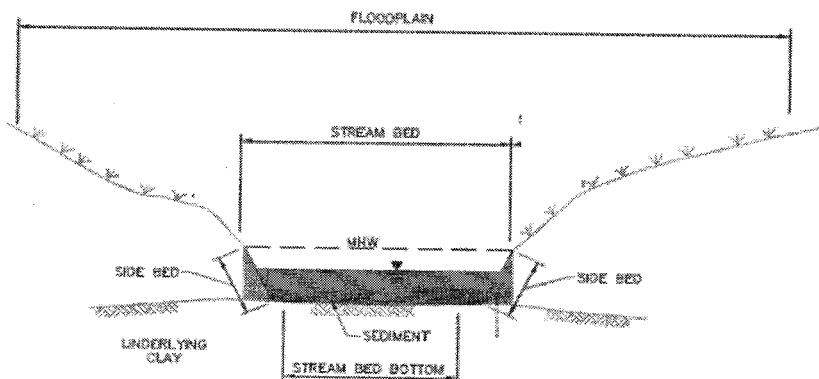
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Tan; Silty Clay; Trace F SANDS and Root Frags; loose (soft); Moist.	1.6	
6"			
12"	6-24" - Gray; Clay; little Silt; Soft, wet	0.9	
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 3200- SB-S

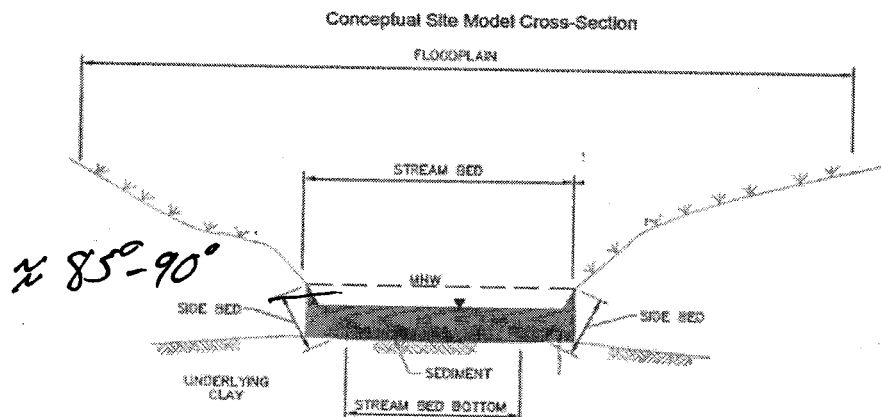
Date/Time: 5/6/16

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" Bw; Silty F SAND; little Clay; Trace F Gravel; Compact; wet	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 3200-FP-S-L

Date/Time: 5/6/16

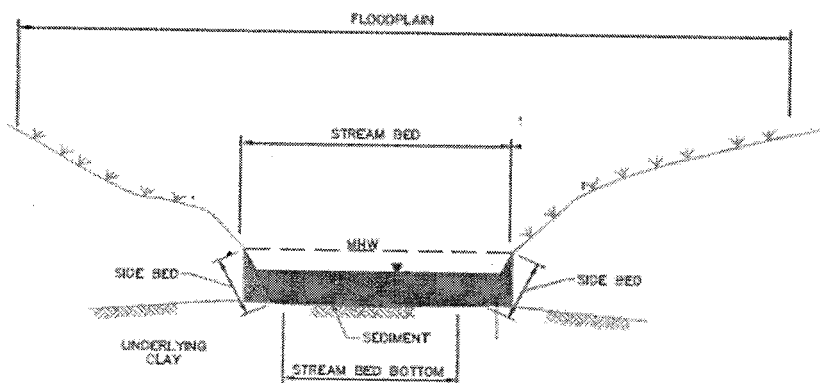
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Bw; F SAND; little Silt; Some Root frags; loose, Dry.	0.6	
6"			
12"	6-24" - Bw; Silt; little F Sand; Compact; Moist.	1.0	
18"		0.5	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3200- FP-S-M

Date/Time:

5/6/16

Samplers:

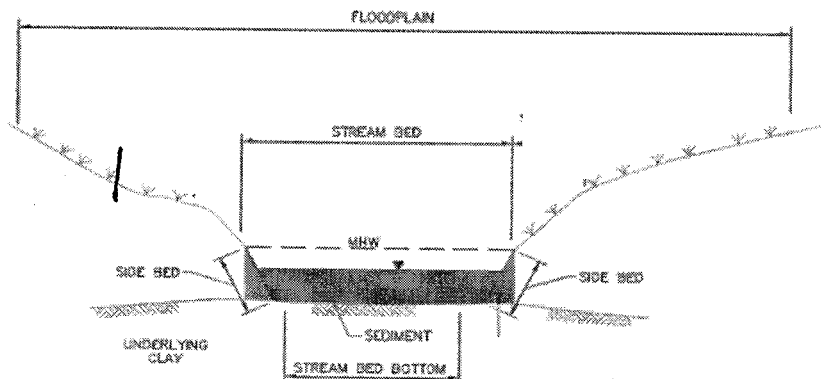
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Dk Bw; Silt; Some Clay; little Fine Sand and organic debris; Soft, wet.	1.6	Wet; Swampy area Flat.
6"			
12"		1.3	
18"		1.4	
24"		1.2	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3200-FP-S-H

Date/Time:

5/6/16

Samplers:

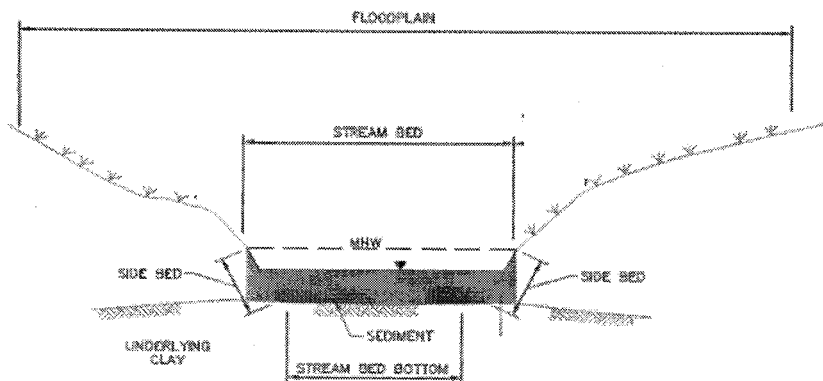
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brn; F SAND; some Silt; Some POT Fragments; Trace F Gravel; loose; Dry.	0.0	
6"			
12"			
18"	12-24" - Brn; Silt; little F SAND; Compact; Dry.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3420-FP-N

Date/Time:

5/6/16

Samplers:

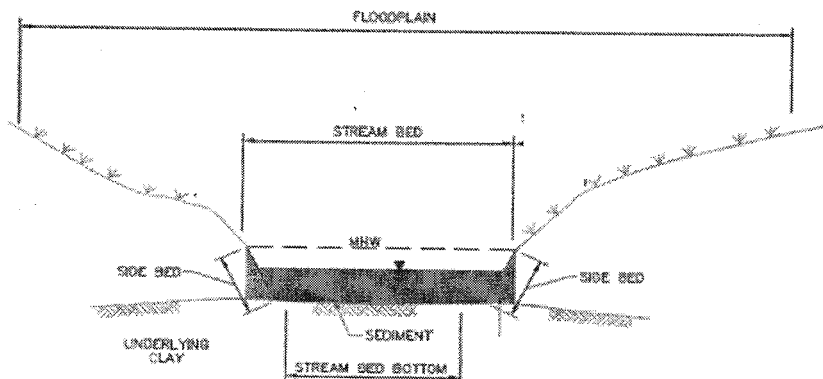
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BRN F-M SAND. Some Root Fragments; little Silt; Loose; Dry.	1.2	
6"			
12"	12-24" - BRN; Silt. little F SAND, Trace F Gravel; Compact; Moist.	0.8	
18"		0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 3460-SB-N

Date/Time:

5/6/16

Samplers:

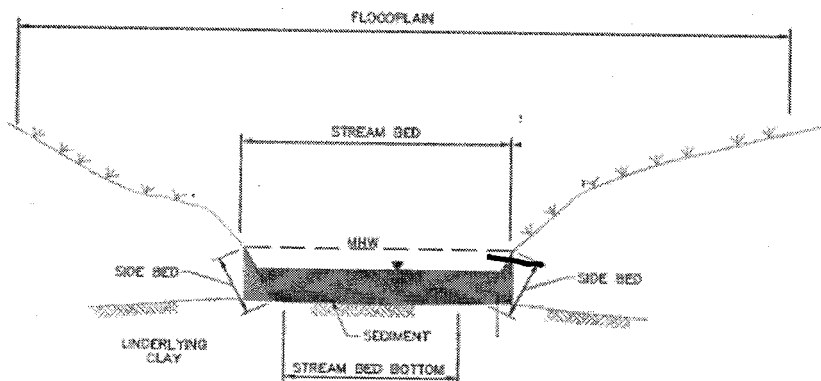
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Brn. FSAND; Some Silt; Some Root Fragments; Compact; Moist.	0.0	
6"			
12"	6-24" - Gray; clay; little silt; Soft; Moist.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3520-FP-S-INF

Date/Time:

5/6/16

Samplers:

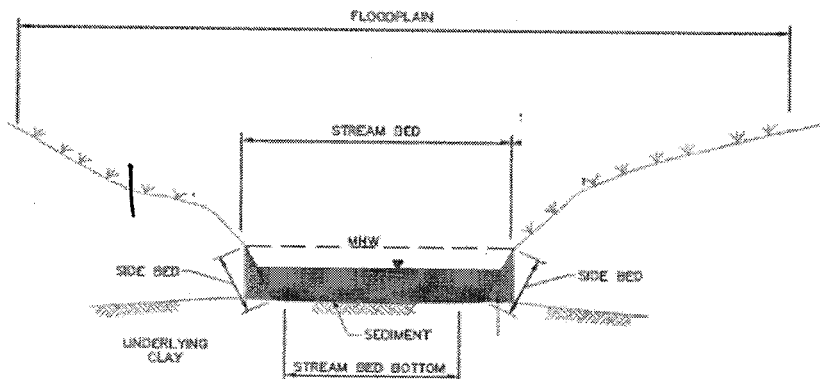
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - F-M SAND; little silt; little F-M Gravel; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3600 - FP-N

Date/Time:

5/6/16

Samplers:

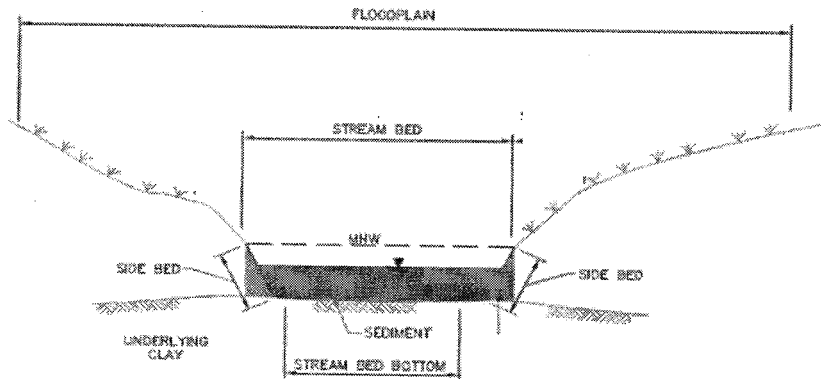
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" F-M SAND; little Silt; little Root Fragments; loose; Dry	0.1	
6"			
12"		0.3	
18"		0.0	
24"		0.2	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 3650-C

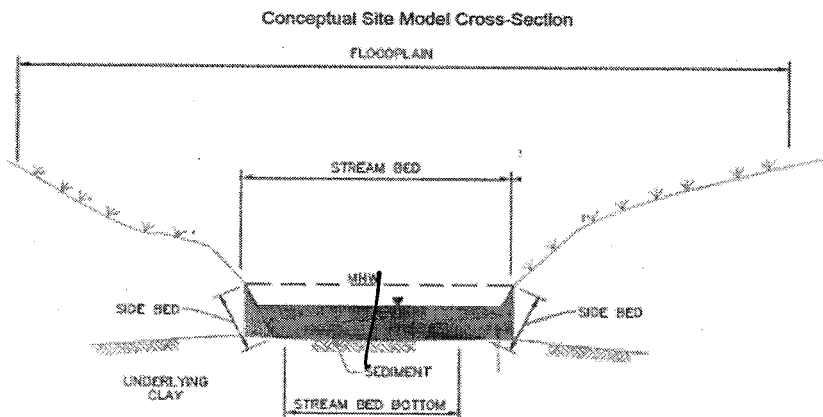
Date/Time: 5/5/16

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Gray ; Clay ; SOFT ; WET.	0.0	Clay @ Surface
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3650-SB-S

Date/Time:

5/6/16

Samplers:

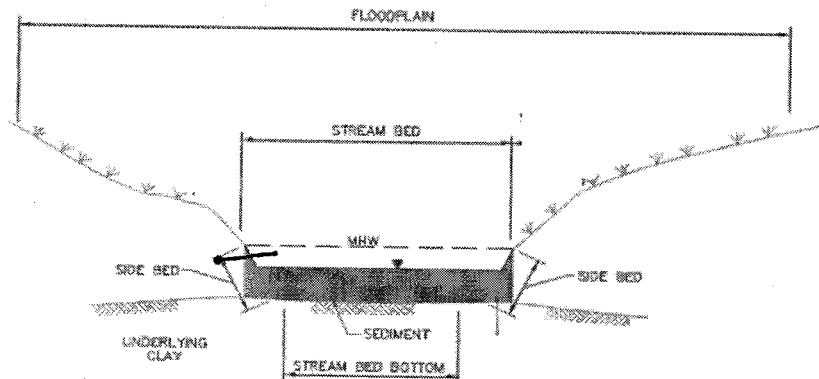
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - light Bw; F-M SAND. Some silt; little F-M Gravel. Loose; wet.	2.6	
6"			
12"	Becomes Dark Bw @ 12" Bgs. wet.	0.9	
18"		2.4	
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3650-SB-N

Date/Time:

5/6/16

Samplers:

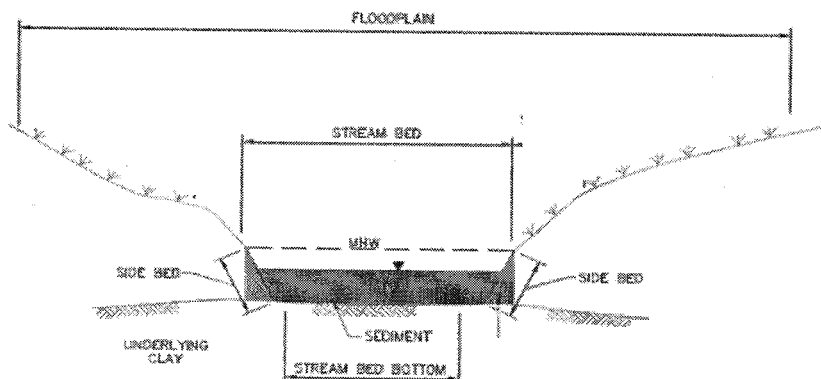
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - B/W; F Sand and Silt; Some organics and Root Fragments; Compact; Moist	0.0	
6"			
12"	6-24" - B/W; Silt; some clay; Trace F SAND and Gravel; Compact; wet		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3825-C

Date/Time:

5/4/16

Samplers:

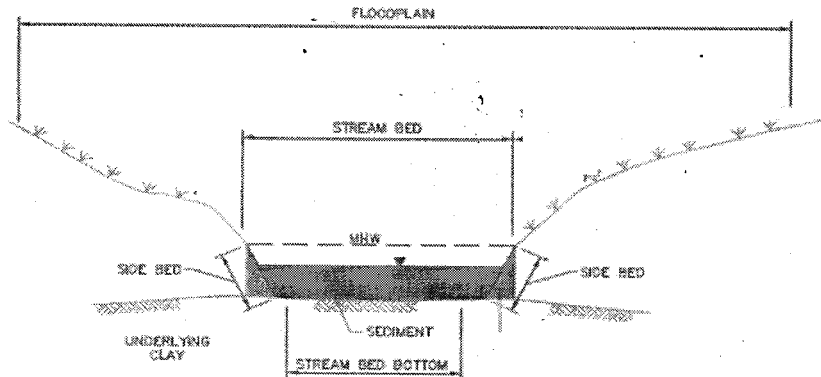
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-2' - Brn; F-C Gravel up to 4" dia; Some F-C SAND; Some organic debris; little silt; loose; wet.		
6"	2-5' - Brn; F-C SAND; Some F-M Gravel; little silt; loose; wet.		
12"	5-6' - Redish Brn; Silty F Sand; little F Gravel; trace clay; Compact; moist.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3825-C

Date/Time:

4/25/16

Samplers:

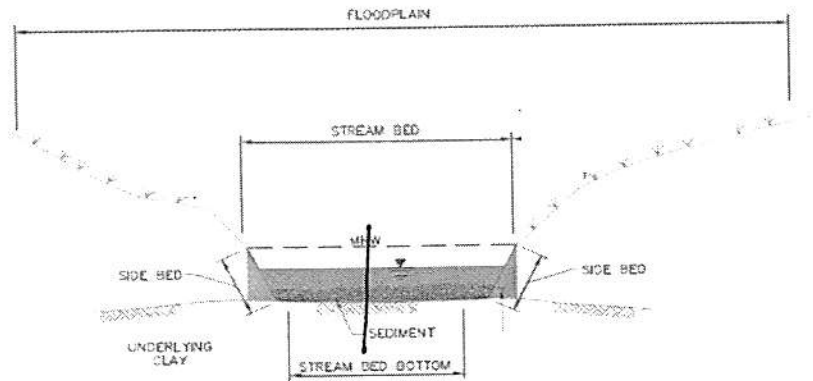
K.S.

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Gray:		
6"	BW; M-C Gravel; some M SAND		
12"	BW; F-M SAND; some silt		
18"	↓		
24"			

24-24.5 - Gray; clay; little F-M Gravel; compact;
Moist.

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3825-N

Date/Time:

4/25/16 1400

Samplers:

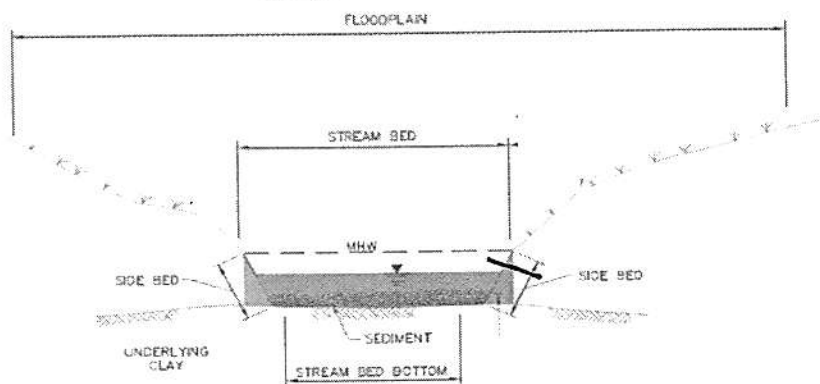
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BIN; Silt; some FINE SAND, some organics, MAST.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3825-S

Date/Time:

4/25/16

Samplers:

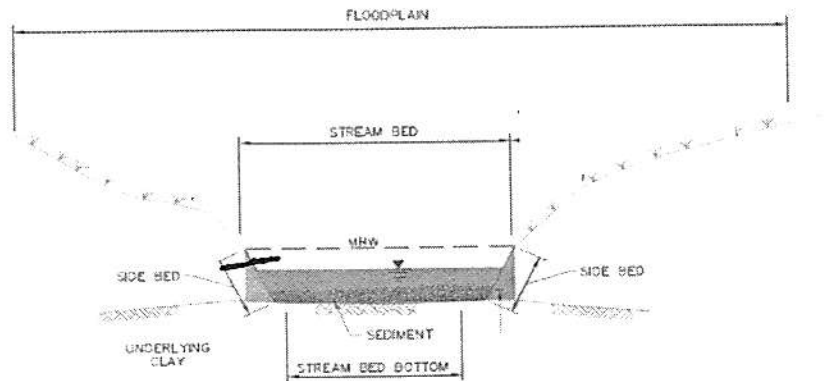
115

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; Silt, some F. SAWD; Little F.M. Gravel; trace organics,	0.0	
6"	Compact; moist.		
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

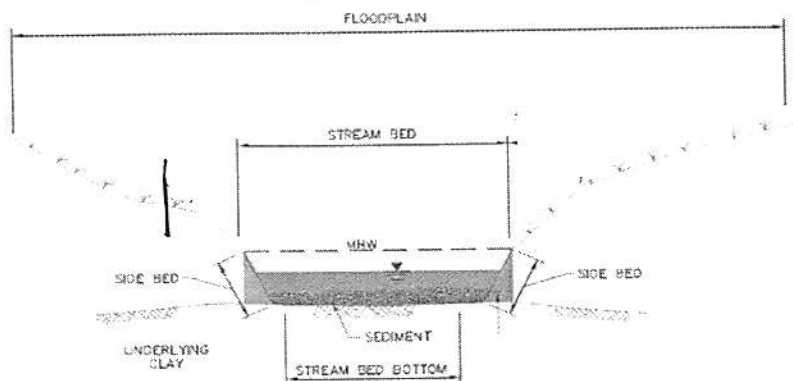
Sample Location: 3850 -FP- S- LDate/Time: 4/25/16Samplers: DP. L.S

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	BRN; F Sand; Little silt; Some roots; loose; DRY		
6"			
12"	BRN : SAA		
18"	SAA; DRY		
24"	BRN; SAA; Trace F-m Gravel; loose; DRY - Grades to silt; Fine Sand @ 20-24"		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

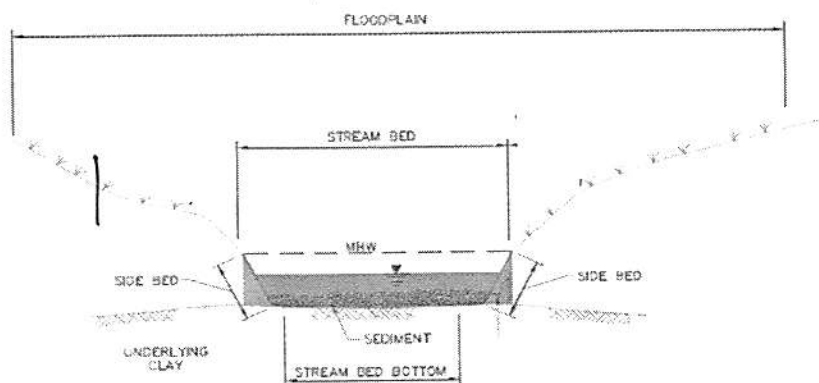
Sample Location: 3850-FP-S-MDate/Time: 4/25/16Samplers: 105

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Brw; F SAND; little silt; Some roots; loose; dry.	0.0	
6"			
12"	Brw; SAA; dry.		
18"			
24"	18-24" - Grads to Brw; silt and F SAND; compact; moist.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3850-FP-S-14

Date/Time:

4/25/16

Samplers:

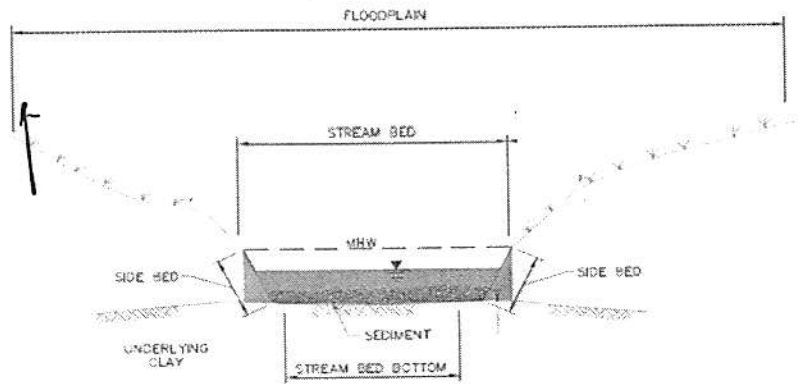
K.S.

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Brn; F SAND; 1/4" silt; loose dry.		
6"			
12"	SAA		
18"	Brn; Silt and F Sand; compact; dry.		
24"			

AECOM

3950-L

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: _____

Date/Time: _____

5/4/16

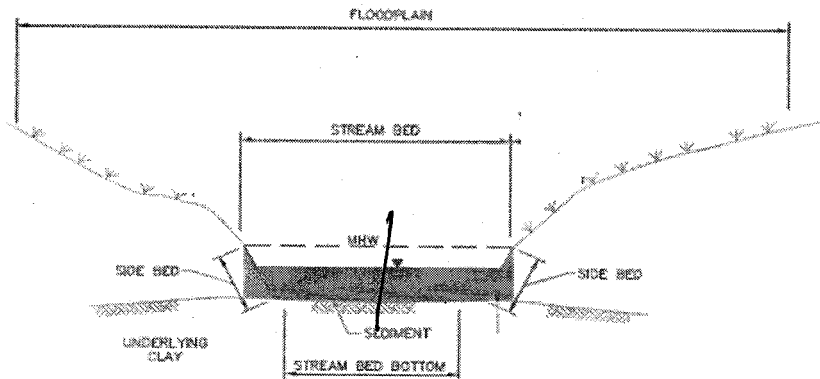
Samplers: _____

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1' - Brn; F-C Gravel; Same F-C SAND; little Silt; loose; wet.	0.0	
6"			
12"	1-3' - Brn; F-M SAND; Same F-C Gravel; Same Silt; Compact; Moist.		
18"	Refusal @ 3' Bgs		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3950 - SB - 5

Date/Time:

4/25/16 1310

Samplers:

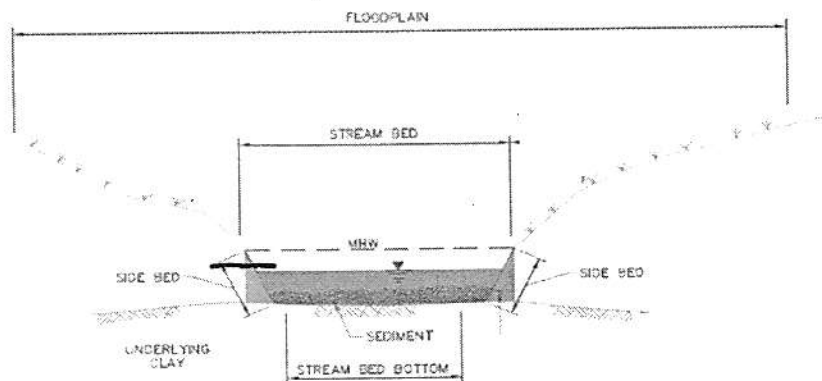
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Bro; Silt; some roots; little FINE SAND; compact; Moist	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3950-SB-N

Date/Time:

4/25/16 1500

Samplers:

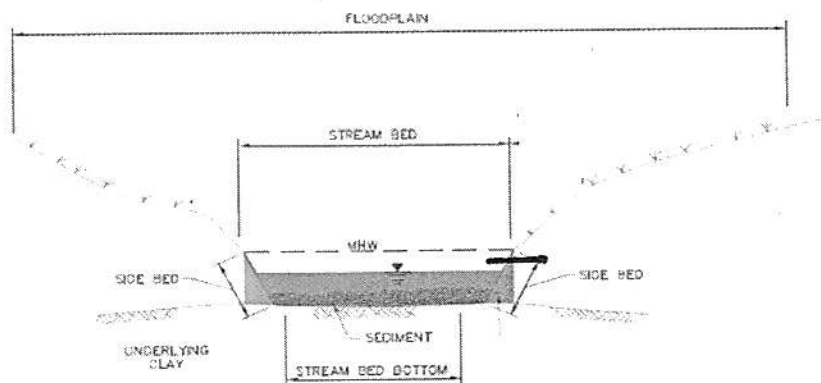
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn ; Silt ; Some organics (Roots) Trace F SAND ; compact ; moist.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3975-FP-S-L

Date/Time:

4/23/1600

Samplers:

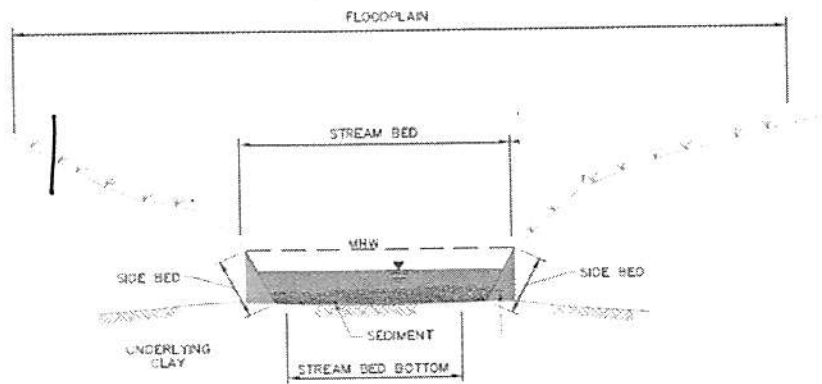
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brw ; F SAND ; some Roots ; Little silt ; Trace F Gravel ; loose ; Dry . ↓	G.O	
6"			
12"			
18"			
24"	Brw ; Silt , some F Sand ; Trace Roots ; Compact ; Dry		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3975- FPS-M

Date/Time:

4/28/16

Samplers:

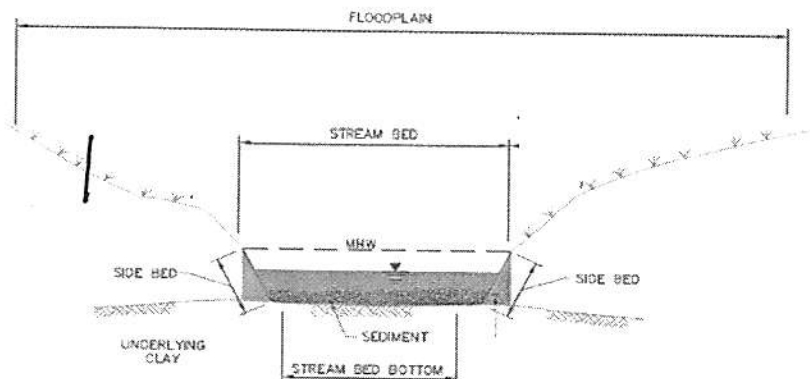
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; Some silt; Some roots; loose; dry	0.0	
6"			
12"	↓	↓	
18"	BRN; silt; little F SAND; little clay; compact; moist.		
24"		↓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

3975-FP-S-H

Date/Time:

4/28/16

Samplers:

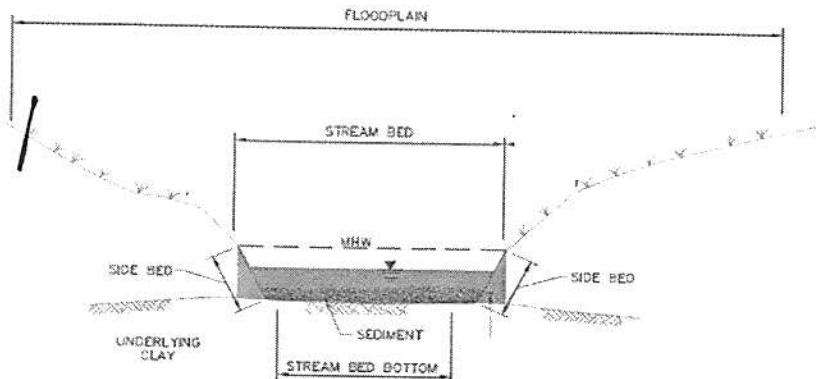
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brown; F Sand and Silt; little organics; loose; dry.	0.0	
6"			
12"	↓		
18"	Brown; Silt. Same F Sand; little clay; Trace F-M Gravel;		
24"	Compact; wet.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4000-C

Date/Time:

5/4/16

Samplers:

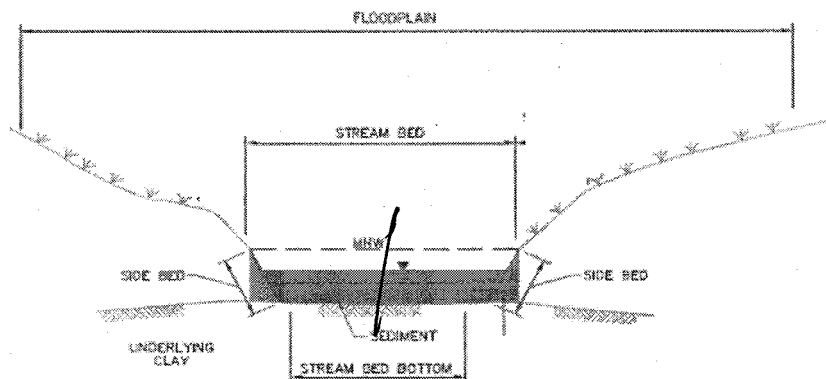
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1' - Bn; F-C Gravel; Some F-C SAND; loose; wet.		
6"			
12"	1-6' - Gray; Clay; little Silt; Compact; wet		
18"			
24"			

Sample @ 1-1.5' Bgs

AECOM

Sample Location: 4/00-FP-S-2

Date/Time: 4/28/16

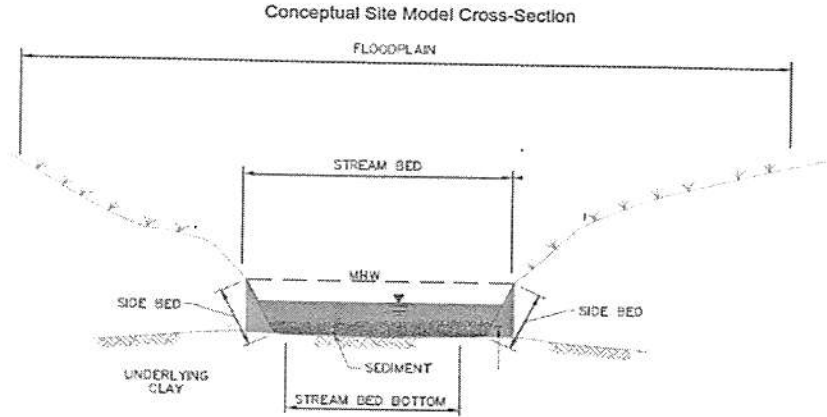
Samplers: KS

SANDERS CREEK SEDIMENT SAMPLING

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn F Sand and Silt; loose; wet.	0.1	
6"			
12"		0.2	
18"		0.2	
24"		0.1	

AECOM

Sample Location:

4100-FP-S-M

Date/Time:

SANDERS CREEK SEDIMENT SAMPLING

4/28/16

Samplers:

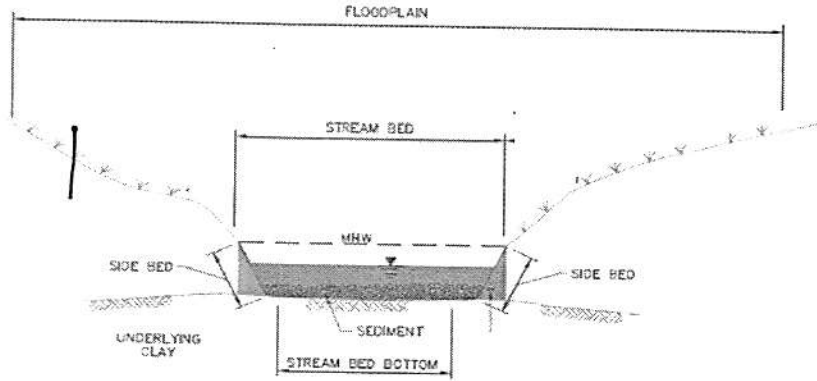
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BRN; F SAND; Some Silt; Some organics; loose, wet	0.0	
6"			
12"			
18"	12-24" - Gray Silt; Some Clay; Compact; Moist		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4100-FP-S-H

Date/Time:

4/28/16

Samplers:

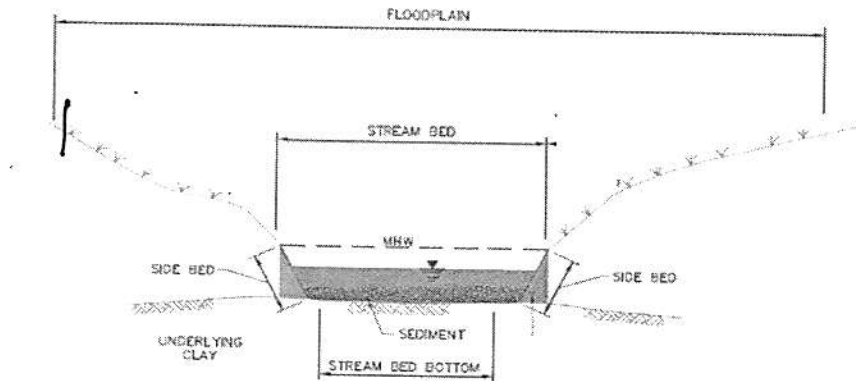
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Bw; F SAND; Same Silt; Loose; wet		Moved Barring $\approx 20'$ North To upper limit of Flood Plain
6"			
12"			
18"	12-24" - Bw/Gray; Silt; little F SAND; little Clay; Compact; wet.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4100-FP-N-L

Date/Time:

4/28/16

Samplers:

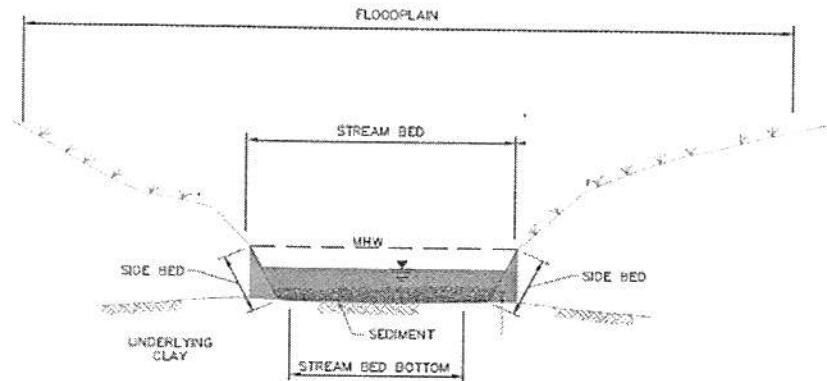
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BW; F SAND; Some Silt. Some Roots; loose; moist		
6"			
12"			
18"	12-24" - BW F SAND and Silt; Compact; moist.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4100-FP-N-M

Date/Time:

4/28/16

Samplers:

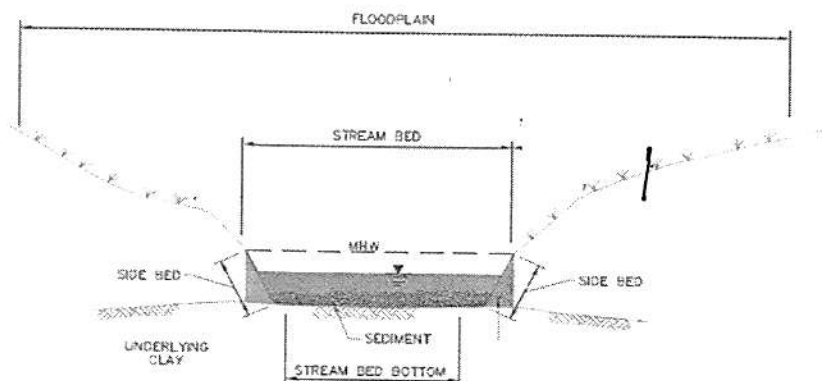
Ks

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BW; F SAND; Some Silt; Some ROOTS; loose; moist.	0.0	Move ~ 10' past due to Down Tree.
6"			
12"			
18"	BW; Silt; little F SAND; compact; moist		
24"			

AECOM

Sample Location:

4100-FP-N-H

Date/Time:

SANDERS CREEK SEDIMENT SAMPLING
4/28/16

Samplers:

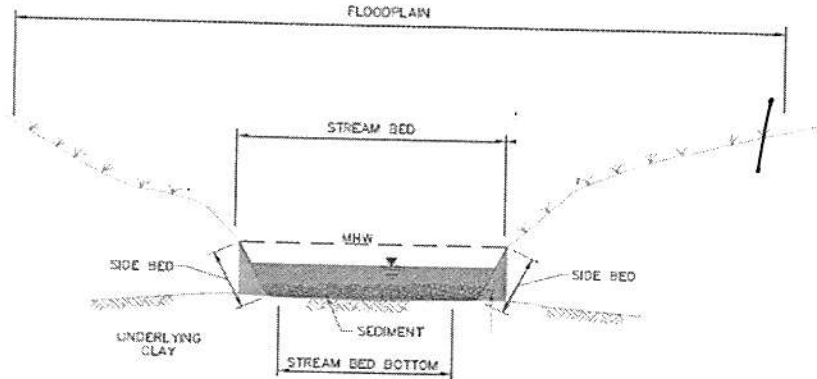
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
	Description		
0"			
2"	0-12" - BRN; F Sand; some Silt; some roots; loose; Dry.		
6"			
12"			
18"	12-24" - BRN; Silt; little F Sand; compact; moist		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 4200-SB-N

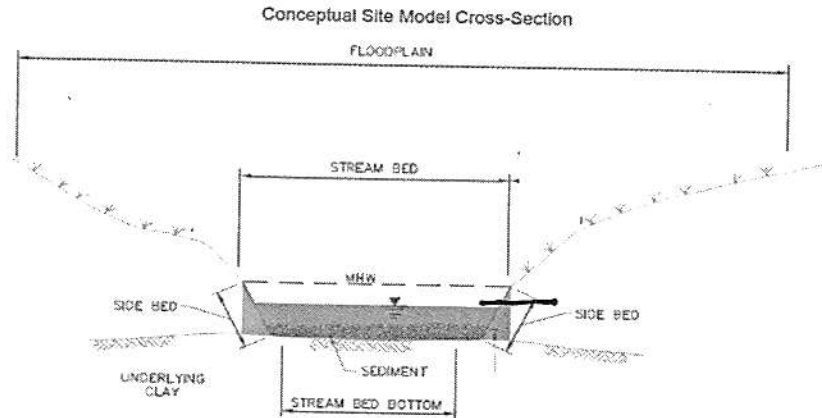
Date/Time: 4/28/16

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	BRN; F SAND; Some Silt; Some Roots; loose; wet ↓	0.1	
6"			
12"		0.0	
18"		0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4200-SB-5

Date/Time:

4/28/16

Samplers:

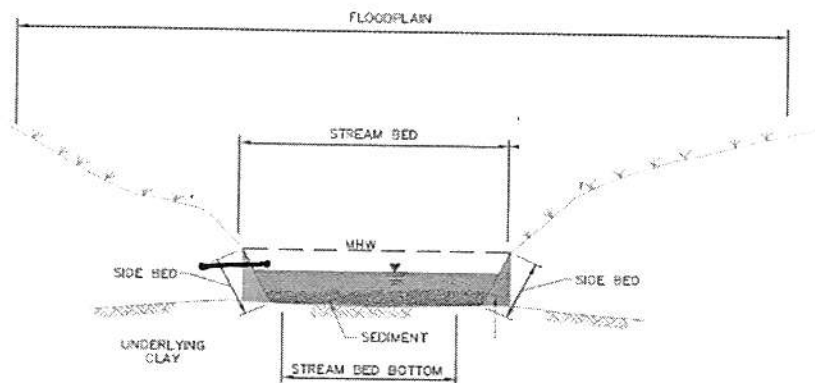
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"

Description

PID (ppm)

Remarks

2"

BRN; F SAND; Some Silt;
Some organics (MOSS, PEAT);
Some roots; loose; wet

0.0

6"

12"

BRN; F SAND; Some Silt; Some
roots; loose; wet

18"

24"



AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4273-FP-N-INF

Date/Time:

4/28/16

Samplers:

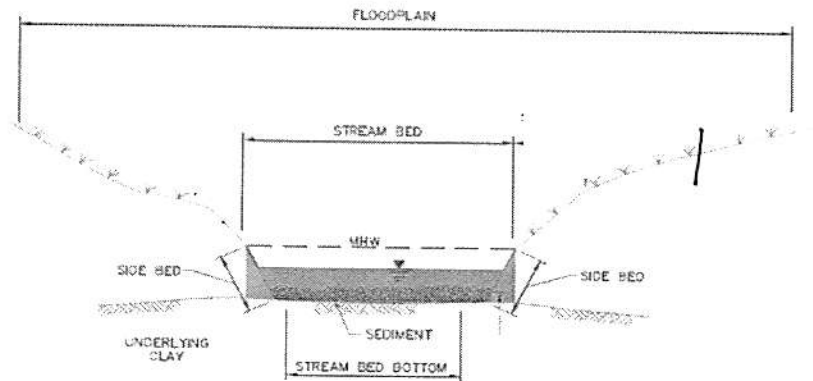
165

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Brn; F-M SAND; little Silt; Trace Roots; loose; Dry	0.0	
6"			
12"			
18"			
24"	18-24" - Brn; Silt; Some F Sand; little F-M Gravel; compact; Moist.	✓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4275-FP-S-INF

Date/Time:

4/28/16

Samplers:

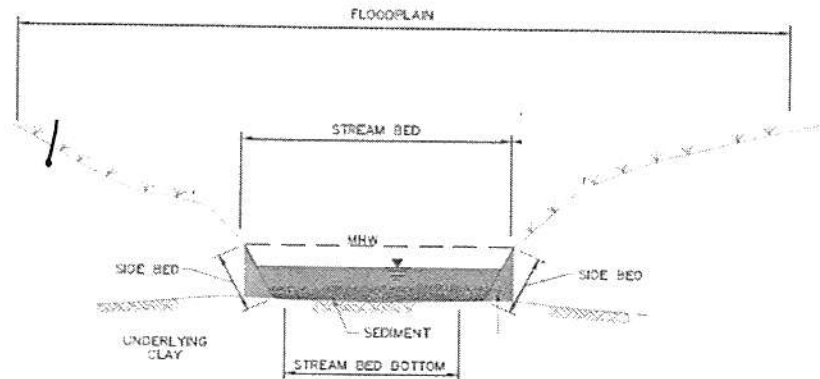
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Blu, F-M Sand; some silt; Trace F-M Gravel; loose; Dry.	0.2	
6"		0.0	
12"		0.0	
18"		0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

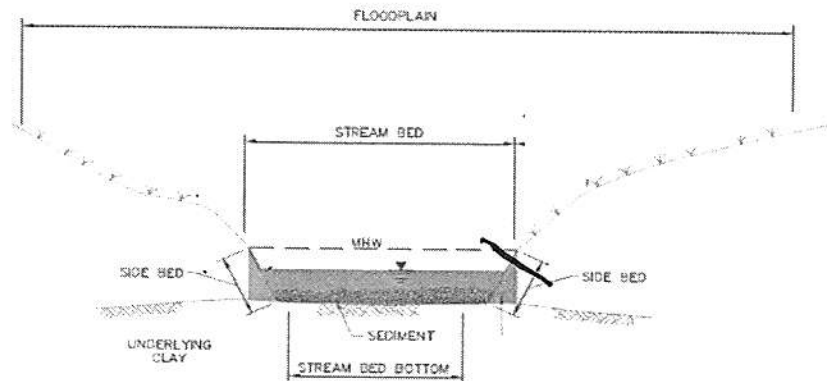
Sample Location: 4300-SB-NDate/Time: 4/28/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; Some Silt; Some ROOTS; loose; wet	0.0	
6"			
12"		0.1	
18"		0.1	
24"	18-24" - Brn; Silt; little F SAND; compact; wet.	0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4300-SB-S

Date/Time:

4/28/16

Samplers:

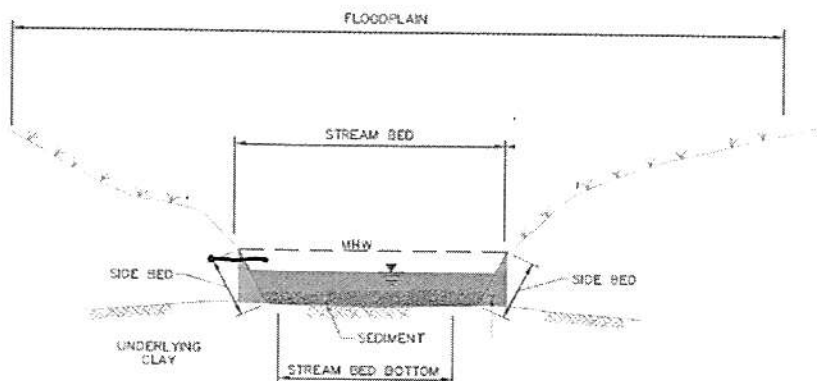
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BIN; F SAND; Some Silt; trace F.M. Gravel; loose; wet.	0.0	
6"			
12"		0.0	
18"		0.1	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4300-C

Date/Time:

4/28/16

Samplers:

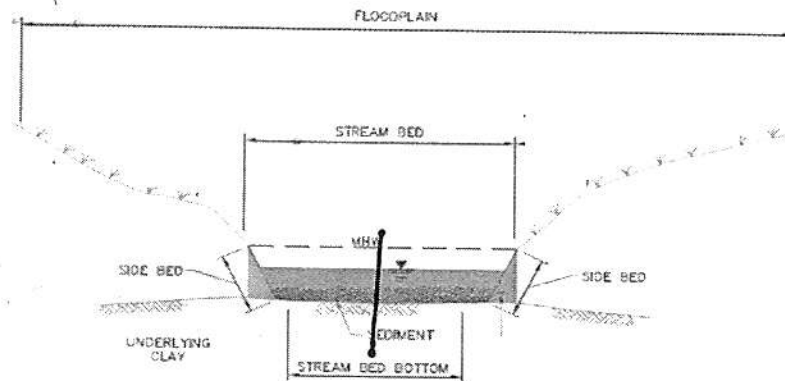
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - gray; Silty Clay; compact; Moist.		
6"			
12"	12-36" - Bw; Silt; Some Fine Sand; Some Peat; compact; WET.		
18"	3-5' BGS - SAA; Moist.		
24"	5-7' - Gray Clay; Silt Lens @ 6.7-6.8' BGS; compact Moist.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 4575 - FP N - INF

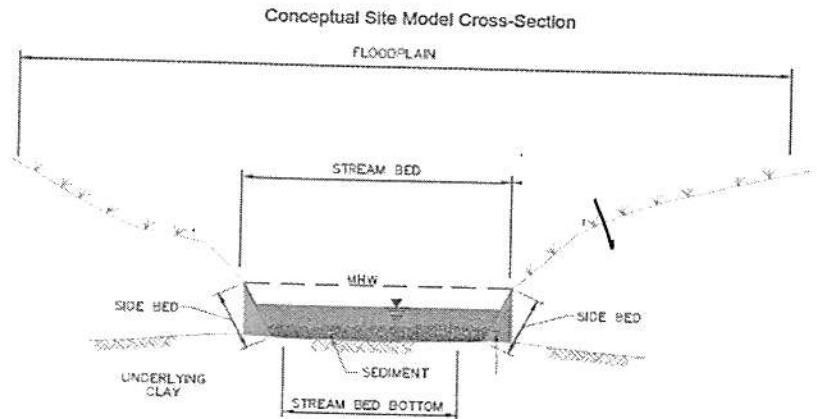
Date/Time: 4/29/16

Samplers: 165

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BW; F SAND; little silt; little organics; Trace F gravel; Loose; Dry.	0.2	
6"			
12"	BW; F SAND; some silt; Compact; Dry.	0.2	
18"		0.2	
24"		0.1	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4575-FP-S-INF

Date/Time:

4/29/16

Samplers:

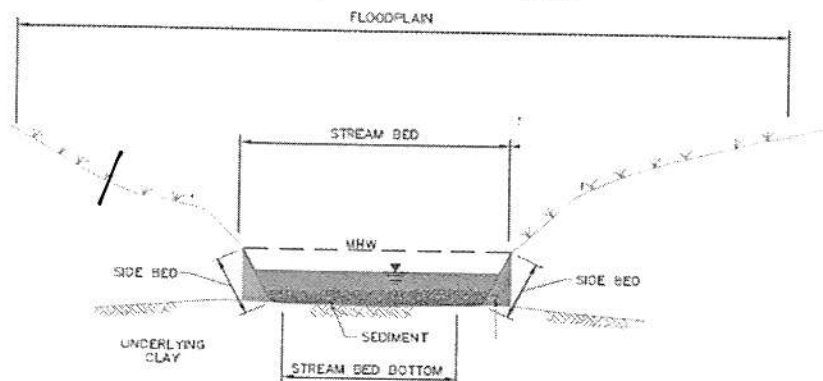
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; little silt; Some organics and roots; loose; Dry.	0.0	
6"	↓		
12"			
18"	12-18" - Brn; Silt; same F SAND; Trace F Gravel; compact; Moist.		
24"		↓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4575-FP-N

Date/Time:

4/21/16

Samplers:

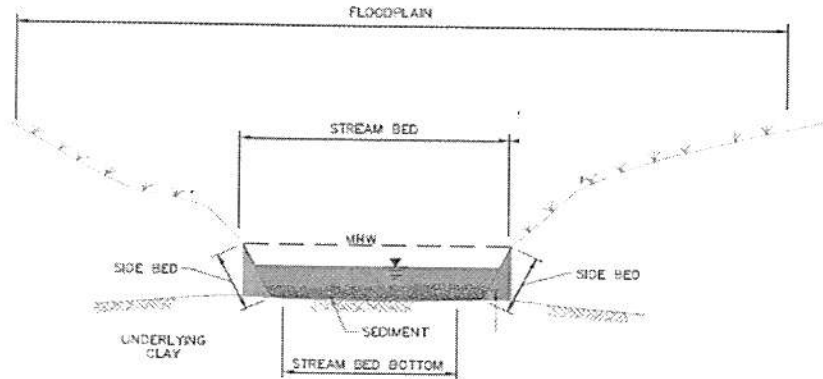
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

0"	Material Description : Description	PID (ppm)	Remarks
2"	0-24" - Bw FSAD; Same Silt, little organics; loose; Dry	0.0	
6"			
12"			
18"			
24"			

AECOM

Sample Location:

4660-FP-N-Inf

Date/Time:

4/29/16

Samplers:

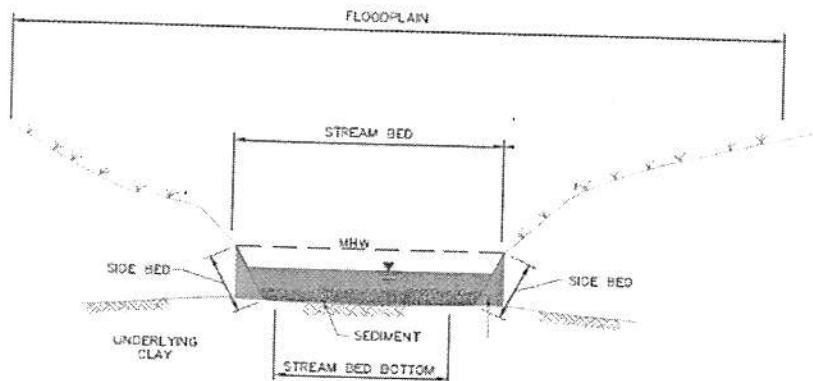
1/5

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
	Description		
0"			
2"	0-12" - Brn; F SAND; Some Silt; Some Organics; loose; Dry.	0.6	
6"			
12"		0.2	
18"	12-24" - Brn; Silt; little F Sand; Compact; moist	0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4716-FRS-INF

Date/Time:

4/29/16

Samplers:

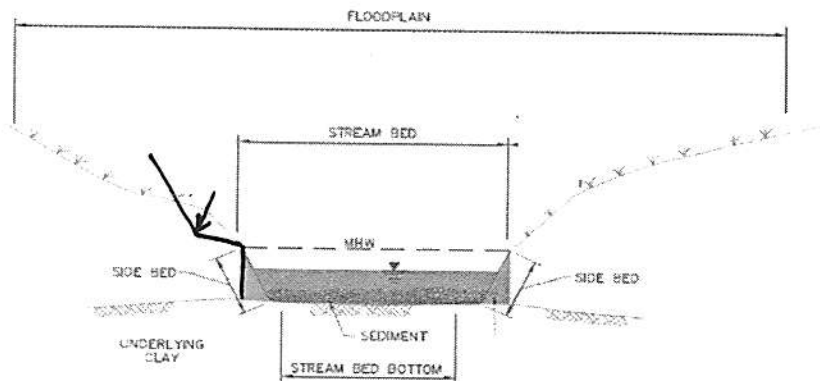
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"

Description

PID (ppm)

Remarks

2"

G-20" - BRN; F SAND; little
silt; little organics.

0.0

Bank consists of
sub ang Rock frags
upto 12" diameter.

6"

12"

sample collected from
soil w/in the
annular spaces between
Rock frags.

18"

24"

Refusal @ 20" Bps.

AECOM

Sample Location:

4725-SB-5

Samplers:

KS

SANDERS CREEK SEDIMENT SAMPLING

Date/Time:

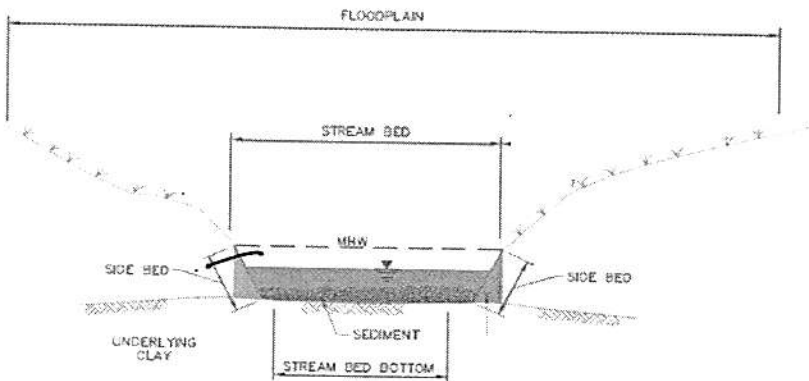
4/29/16

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; some Silt; some ORGANICS; loose, moist	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4725-SB-N

Date/Time:

4/29/16

Samplers:

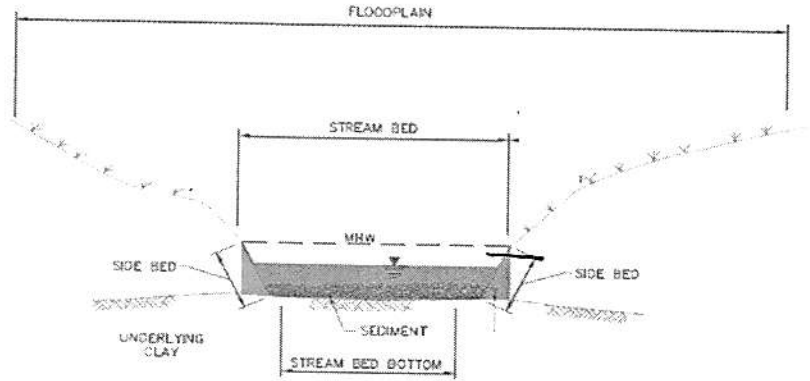
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN ; silt; same F SAND; same organics; compact; moist.	0.1	
6"			
12"		0.0	
18"		0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4725-C

Date/Time:

4/29/16

Samplers:

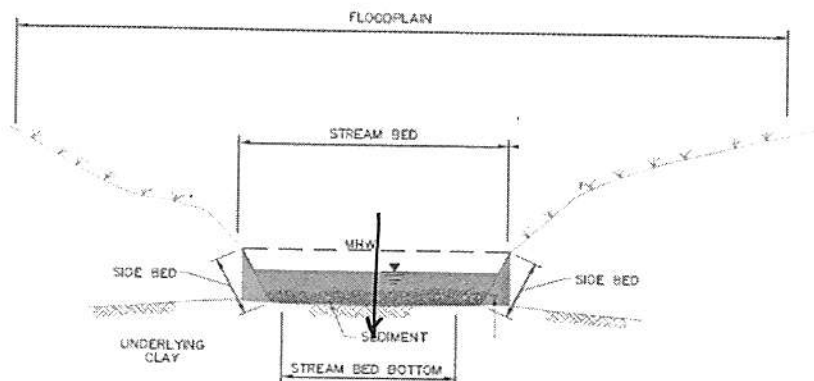
145

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-0.5' - F-C Gravel; Some F-C Sand;	0.0	
6"			
12"	0.5-4.5' - Gray; Silt; Some clay; little Peat lumps throughout; (No. 1 thick) trace F SAND; Compact; Moist		
18"	4.5-5' - Gray; Clay; Trace Silt; Compact; Moist		
24"			

Boring Terminated @ 5' BGS

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4810-SB-91

Date/Time:

4/29/16

Samplers:

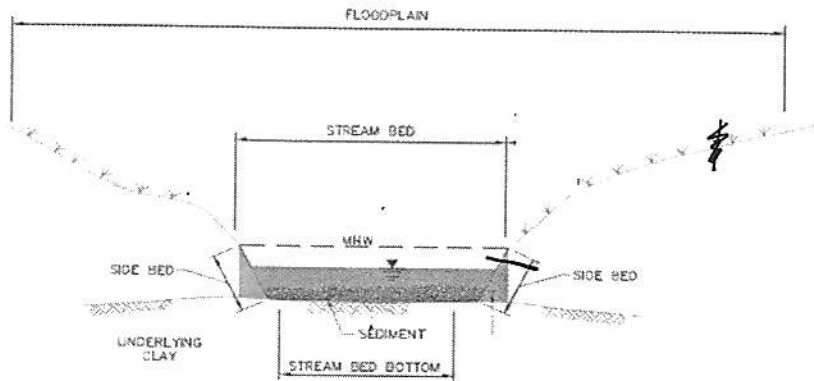
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; Little Silt; Trace ROOTS; loose; dry	0.0	
6"			
12"	Brn; F SAND and Silt; Little F-M Gravel; Compact;		
18"	MOIST.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

4/810-SB-S

Date/Time:

4/29/16

Samplers:

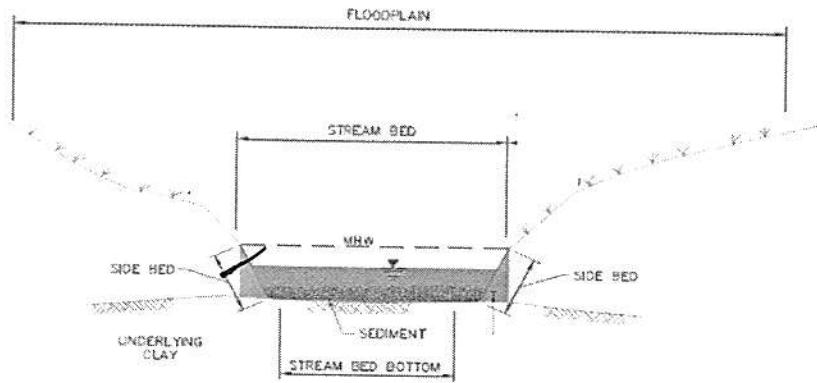
15

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"

Description

PID (ppm)

Remarks

2"

Brn; F SAND; Some Silt;
Some organics; loose; DRy

0.1

6"

12"

Brn; Silt; Some F SAND;
Little F. M Gravel; compact;

0.0

18"

Moist.

0.2

24"

0.2

Sample Location:

S150-FP-S-M

Date/Time:

4/29/16

Samplers:

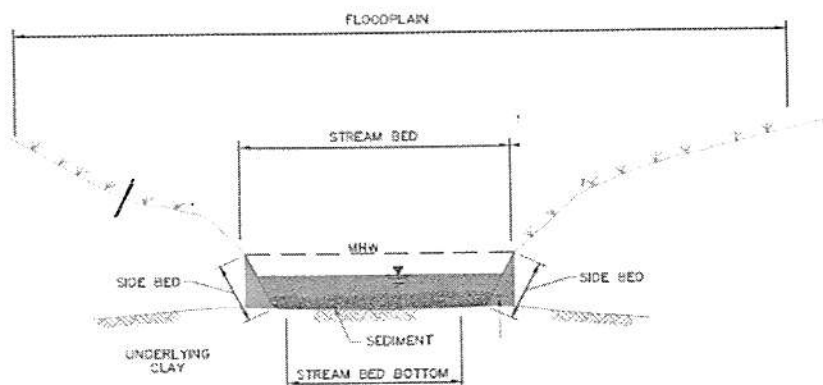
14

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Brn; Silt and organic debris; Trace F.SAND; loose, moist.	0.0	0-6
6"			
12"	Becomes wet @ 6" Bgs.	0.0	6-12
18"	Refusal @ 12" Bgs		
24"			

Drainage swail Filled w/ SUB Avg Rock Fragments
upto 20" diameter.

0-6" - Sample Collected From unsaturated material Between
Rock Frags.

6-12" - Collected From Saturated material Between Rocks.

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5150-FPS-H

Date/Time:

4/29/16

Samplers:

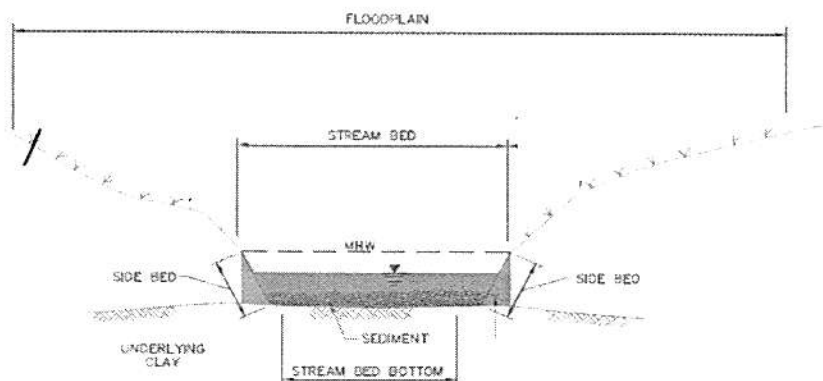
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6 - BRN; Silt and organic debris; 1 1/4" F SAND; loose; wet	0.4	
6"			
12"	6-18 - SAA 'WET.	0.3	
18"	Refusal @ 18" BGS		
24"			

Samples collected from soil ~~Between~~ Rock Fragments in
Drainage swail. ABOVE

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5150 - C

Date/Time:

4/29/16

Samplers:

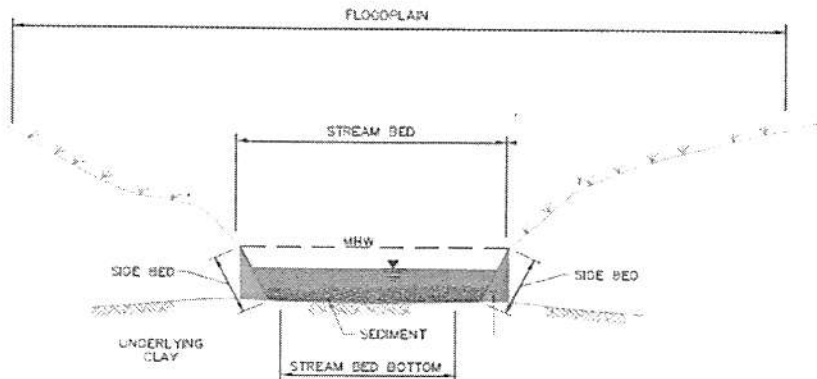
K5

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1.5'-Brn; F-M SAND; some silt; little organics, loose; WET.	0.1	
6"			
12"	1.5-4'-Gray; Silty F SAND; loose; WET.	0.0	
18"	4-5'-Gray; Silt; little F Sand; compact; moist	0.2	
24"	5-6'-Gray; Clay; trace silt; compact; moist.	0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 5175-FP-S-M

Date/Time: 4/29/16

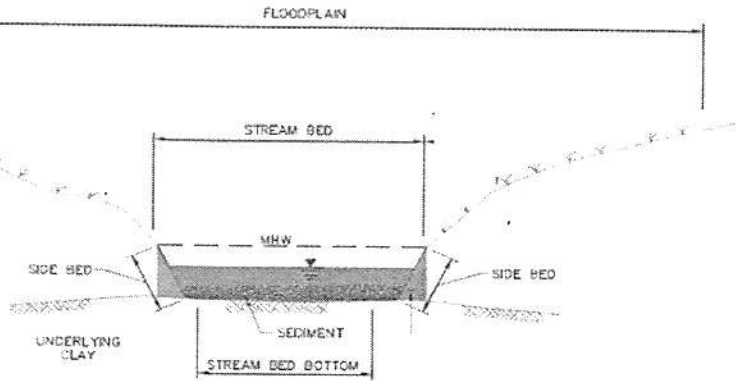
Samplers: PS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Bn F SAND; Some silt; little organics; compact; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 5210-OF-001

Date/Time: 4/27/16 1000

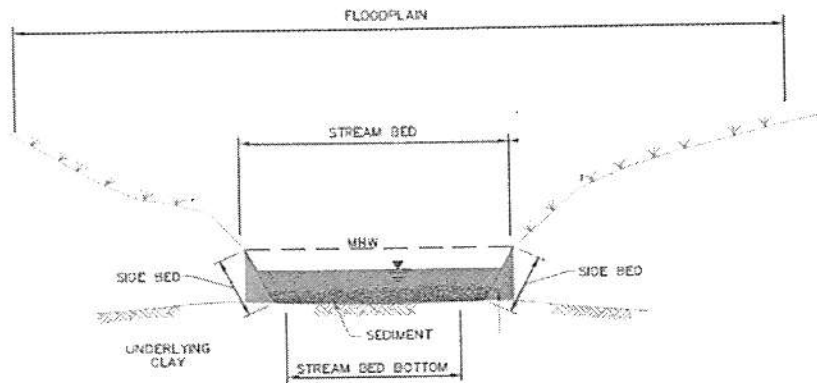
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Brn; Silt; little F SAND; little organics; loose; wet.		
6"			
12"			
18"			
24"	Brn; Silt; Some F SAND; little F-M Gravel; loose; wet.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5210-0FB-001

Date/Time:

4/27/16 1030

Samplers:

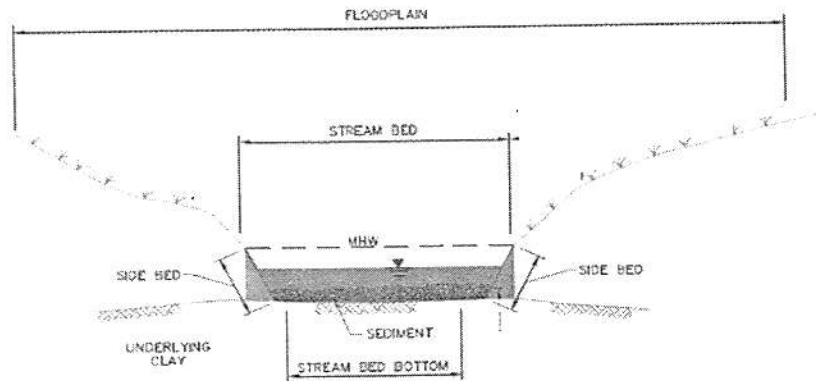
145

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; some silt; some Roots; loose; Dry.	0.0	
6"	↓	↓	
12"	↓	↓	
18"	BRN; F-M SAND; trace silt; compact; Dry.	↓	Sample 48-54
24"	↓	↓	

24-48" - BRN; F Sand; little silt; compact.
Dry.

48-54" - BRN - M-C org-SUB org Gravel; little F-M Sand;
Loose; Wet.

AECOM

SANDERS CREEK SEDIMENT SAMPLING

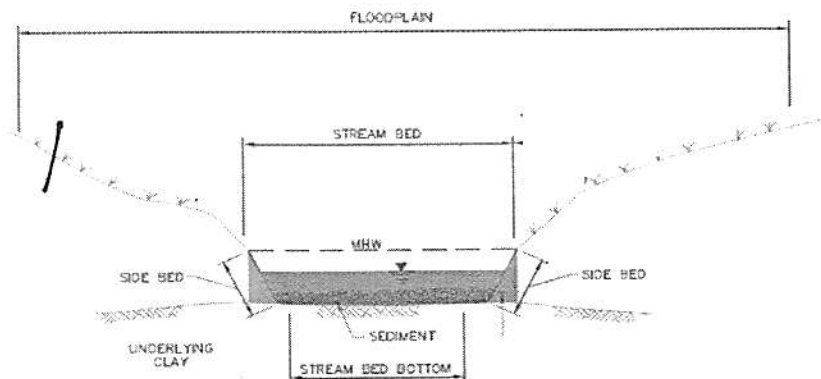
Sample Location: 5240-FP-S-HDate/Time: 4/27/16 800Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

0"	Material Description : Description	PID (ppm)	Remarks
2"	Bw; F-M SANDS; little silt; little Roots; trace F. Gravel; loose Dry.	0.0	
6"	↓	↓	
12"	↓	↓	
18"	Bw; F SAND and silt; Compact; Dry.	↓	
24"	↓	↓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

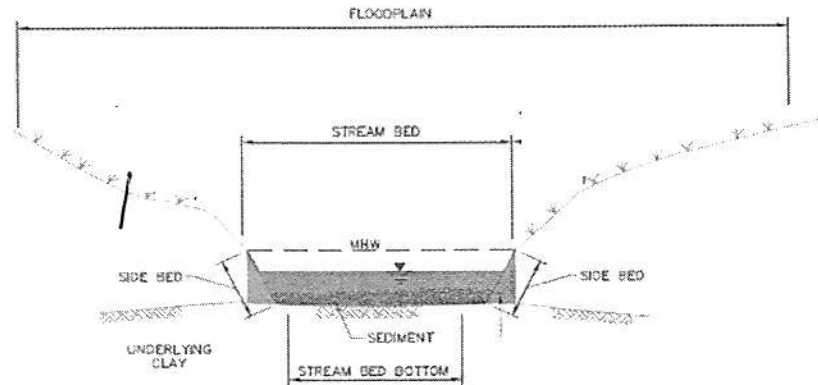
Sample Location: 5240-FP-S-MDate/Time: 4/27/16 820Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; Some Silt; Little Peats; Trace F Gravel; loose; Dry.	0.0	
6"	↓		
12"			
18"	Brn; F-M SAND; Trace Silt; Loose, Dry.		
24"	↓		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5250-SB-S

Date/Time:

4/27/16 1100

Samplers:

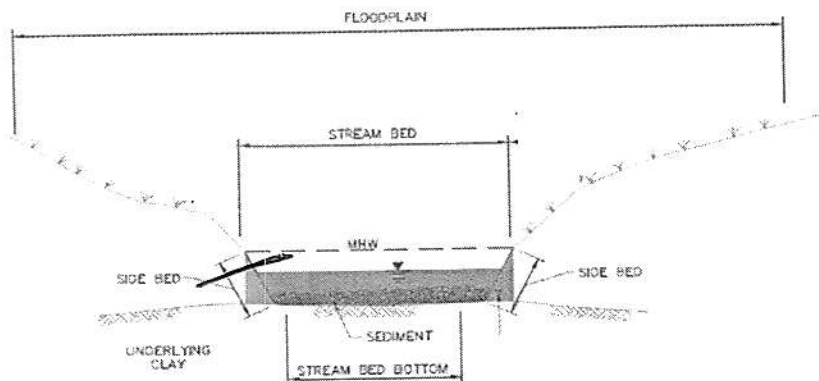
105

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F Sand; Some silt; Loose; Dry.		
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5250-SB-N

Date/Time:

4/27/16 1100

Samplers:

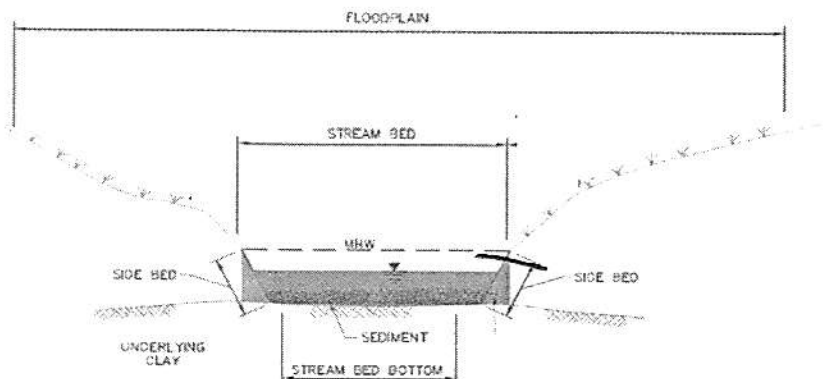
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN, F SAND; Fine SILT; Trace organics; Trace F Gravel; loose; Dry.	0.0	
6"			
12"			
18"	Becomes WET @ ~ 12" into the Bank.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5320-FP-N-2

Date/Time:

4/26 / 900

Samplers:

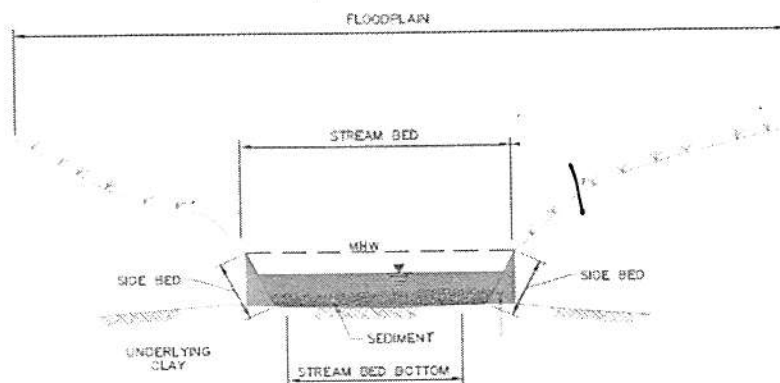
K.S

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	BIN: F SAND; Some silt; Some roots; Trace F.M Gravel; Loose; MOIST. ↓	0.0 ↓	
6"			
12"			
18"			
24"	BIN: F SAND; little silt; Some F.M Gravel; less Compact; Dry.	↓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5320-FP-N-M

Date/Time:

4/26/16 930

Samplers:

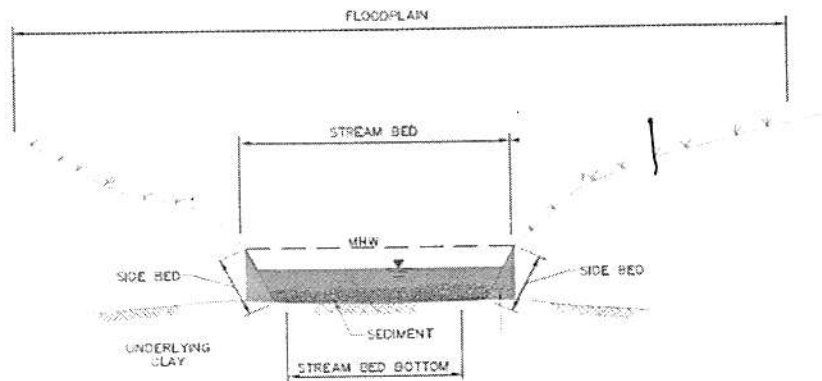
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; little silt; little roots; loose; moist	0.0	
6"			
12"	Brn; F SAND; some silt; trace F-M Gravel; loose; moist		
18"	↓		
24"	Brn; F SAND; trace silt; some F-M Gravel; compact; dry	✓	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5320-FP-N-H

Date/Time:

4/26

Samplers:

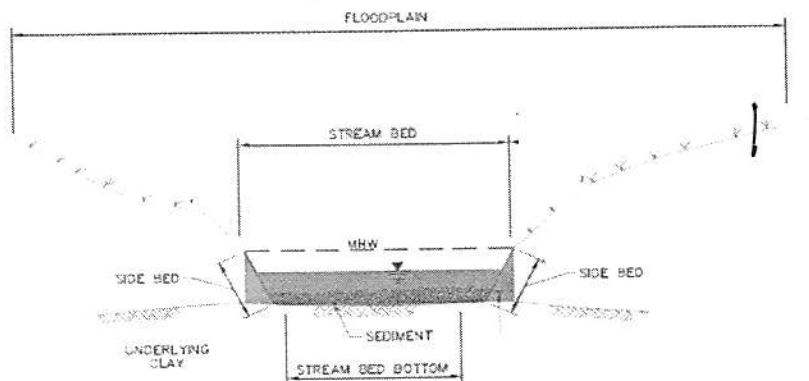
K. Stahle

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; Some Silt; Some Root material; loose; Moist.	0.0	
6"			
12"	BRN; F SAND; Some Silt; little F-M Gravel; Trace Roots; loose; Moist.	0.0	
14"	SAA TO 14"		
18"	14-24" - BRN F. Sand; Trace Silt;	0.1	
24"	Compact; DRY.	0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

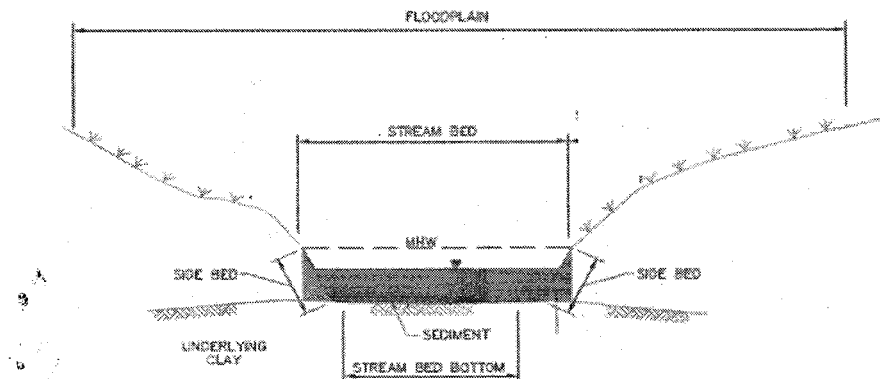
Sample Location: 5400-CDate/Time: 5/9/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1; BROWN F-C Gravel, some F-M Sand; little Silt; loose; Wet.	0.0	
6"			
12"	1-3 - BROWN; Silty F SAND; little clay; compact; moist		
18"	3-5 - Gray; Clay; loose; wet		
24"			

Sample 1-1.5, 3-3.5'

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5500-SB-N

Date/Time:

4/27/16 1130

Samplers:

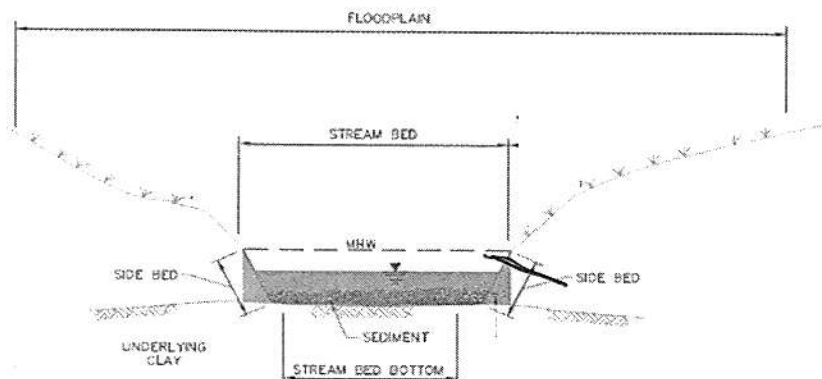
VS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" : B/W; F SAND; Some silt; trace organics; compact; Dry.	0.0	
6"			
12"			
18"	12-24" - B/W; Silt; Some F SAND; trace clay; compact; moist.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5500-SB-5

Date/Time:

4/27/16

Samplers:

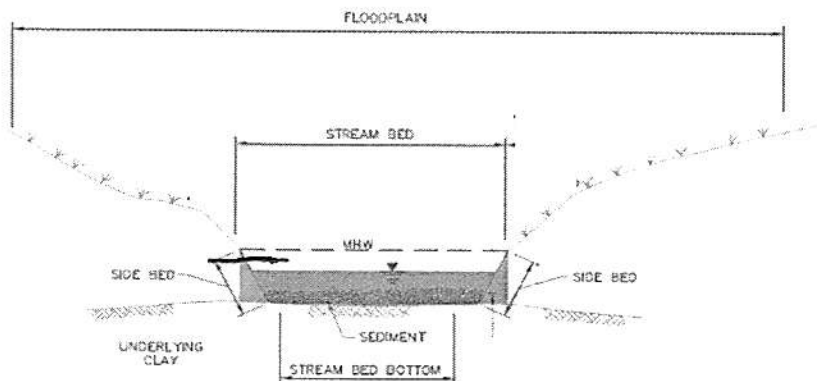
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; Some silt; Some organics; Loose; Wet.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5500-OF-002

Date/Time:

4/27/16 1210

Samplers:

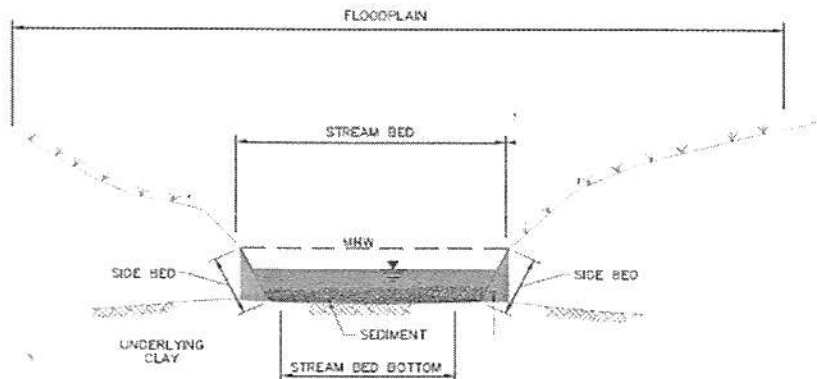
JS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Bgn; F Sand and Silt; Trace F Gravel; loose; wet.		
6"			
12"	* Refusal @ 12" Bgs		
18"	move 1' south. - refusal @ 12" Bgs.		
24"	move 1' south - refusal @ 12" Bgs.		

NO Sample @ 12-24"
due TO Refusal

AECOM

SANDERS CREEK SEDIMENT SAMPLING

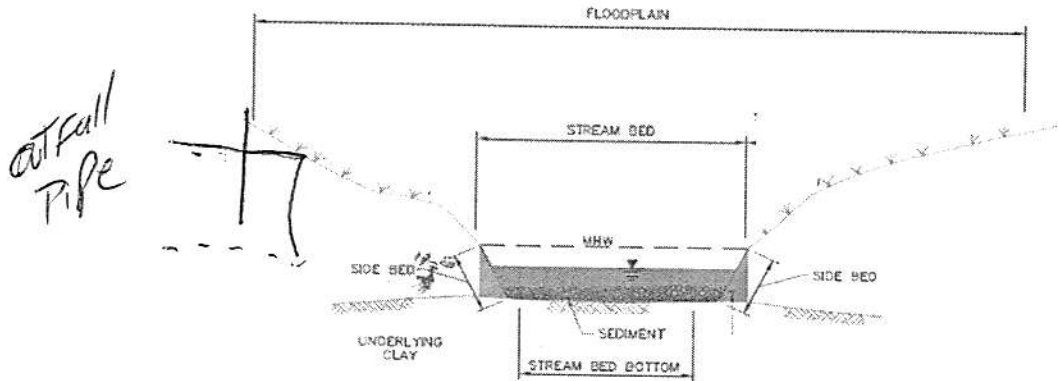
Sample Location: 5500-OFB-002Date/Time: 4/27/16 1200Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Coarse Rock Frags. (~~BEA~~ TRIP RAP), Angular.		
6"			
12"	6-36" - Brn; M-C gravel; Some F-M Sand; loose Dry		
18"	Becomes wet @ 36"		
24"	36-40" - Brn; M-C gravel; Some F-M SAND; loose; wet. * Refusal @ 40" BGS.		

Sample Collected
36-40"

AECOM

SANDERS CREEK SEDIMENT SAMPLING

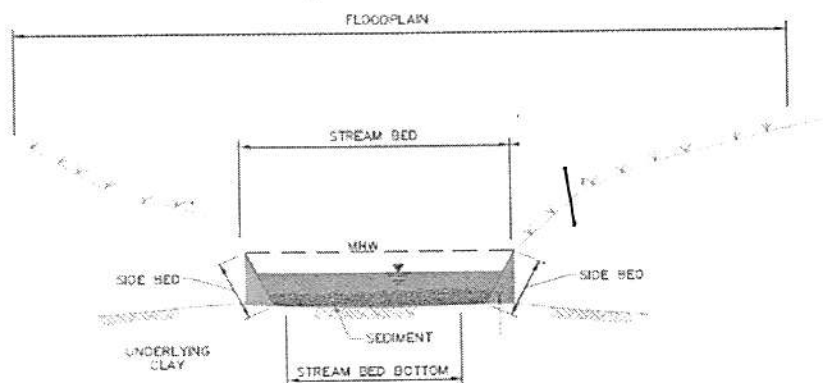
Sample Location: 5600 - FP - N - 1Date/Time: 4/26/16 1000Samplers: 85

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :
Description

PID (ppm)

Remarks

0"	Description	PID (ppm)	Remarks
2"	Brn; F. SAND; Some silt, some roots; loose, moist	O.C	
6"			
12"			
15"			
18"	Brn; F. SAND; little silt; little F.M. Gravel; compact; moist		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5600-FR N-M

Date/Time:

4/26/16 1000

Samplers:

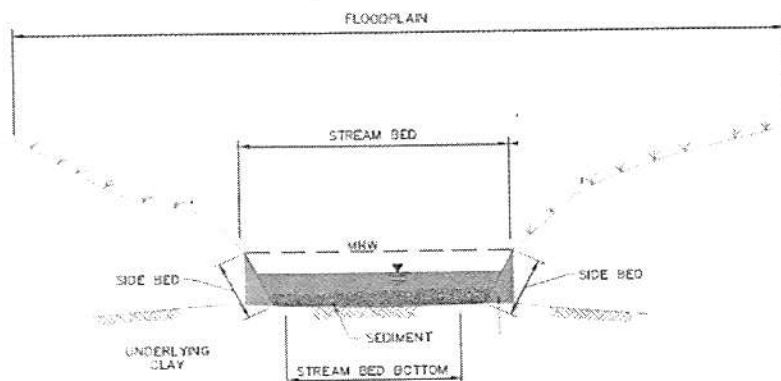
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F Sand; some silt; some rootlets; loose; wet moist.	0.0	
6"			
8" →	Brn; silt; some F Sand; trace roots; compact; moist	0.0	
12"			
18"	↓	0.1	
24"	↓	0.2	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

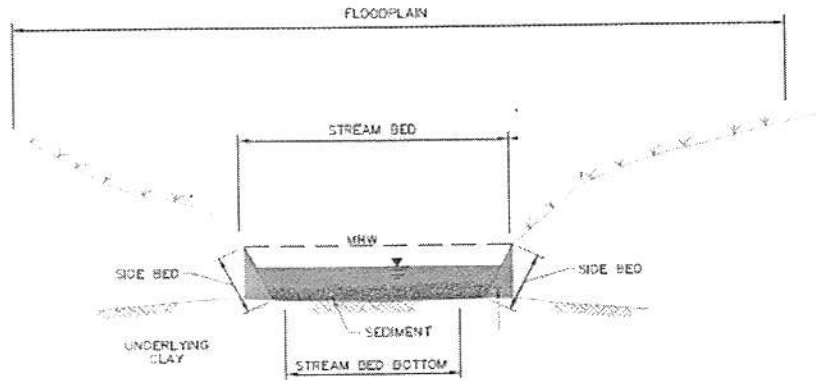
Sample Location: 5600-FT-N-HDate/Time: 4/26/16 1030Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; little silts; little roots, loose; moist	0.0	
6"			
12"			
14"			
18"	BRN; F SAND; some silt; compact; moist.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5600-OF-003

Date/Time:

4/27/16 1430

Samplers:

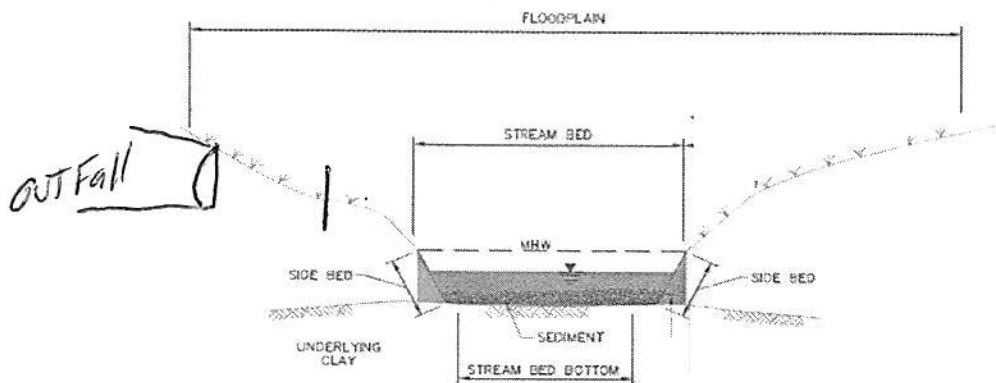
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; some silt; little F-M Gravel; loose; dry.	0.1	
6"	↓	0.0	
12"	BRN; silt; some F Sand; little F-M Gravel; compact; wet	0.2	
18"	↓	0.1	
24"			

AECOM

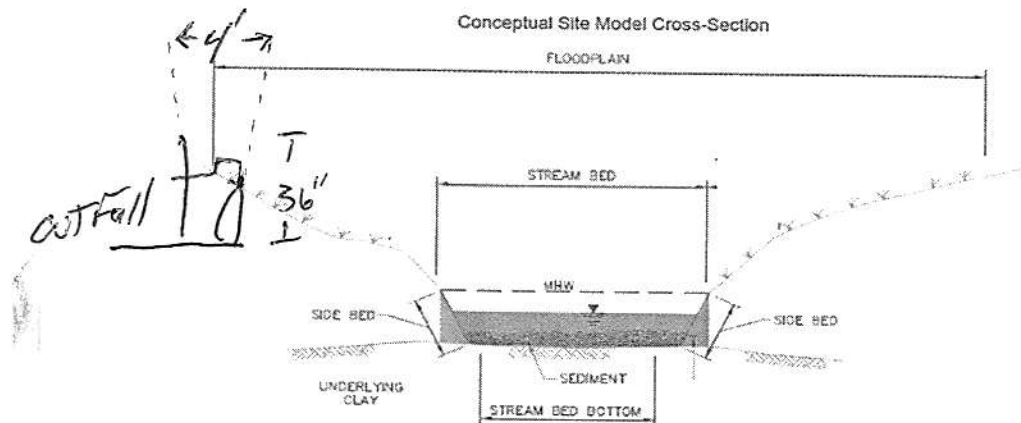
SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 5600-OFB-003Date/Time: 4/27/13 1445Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Bw, F-Sand, Some Silt; Little F-M Gravel; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

24-36" - Bw; F-M Gravel; Some F-M Sand; trace Silt; loose, Dry.
Sample @ 34-36" Bys 0.0 ppm

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5700-C

Date/Time:

5/3/16

Samplers:

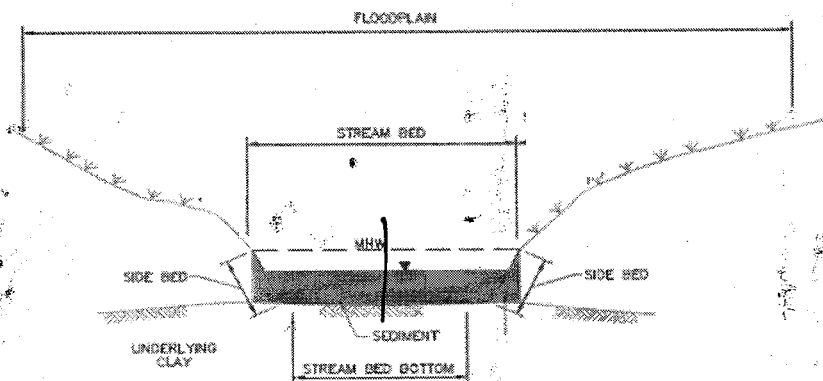
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

	Description	PID (ppm)	Remarks
0"	0-0.5' - Bw; F-C Gravel; Some M-C SAND; trace Silt; loose; wet.	0.0	
2"			
6"	0.5-1.5' - Bw; Homogenous M. SAND; Trace Silt; loose; wet.		
12"			
18"	1.5-5.5' - Gray; clay; loose; Soft; wet.		
24"			

Sample @ 1.5-2.0' Bgs

AECOM

Sample Location:

5700-SB-N

Date/Time:

SANDERS CREEK SEDIMENT SAMPLING

4/27/16 1300

Samplers:

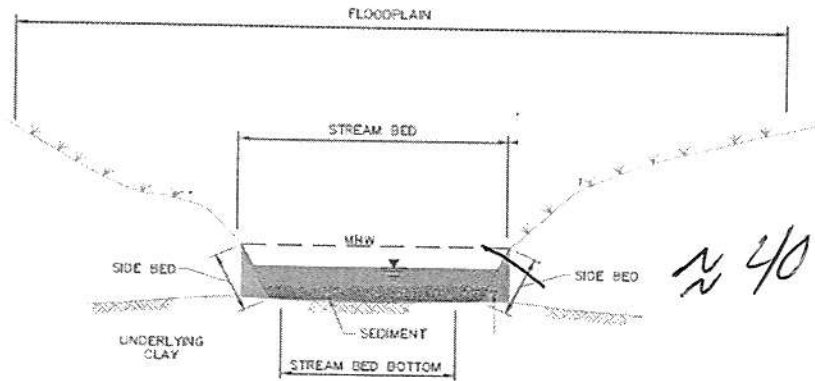
JS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brown; F Sand; some silt; Trace F Gravel; loose; moist	0.1	
6"			
12"	Becomes wet @ 12"	0.0	
18"		0.1	
24"	Brown; F Sand and silt; Loose; wet.	0.2	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 5700-SB-S

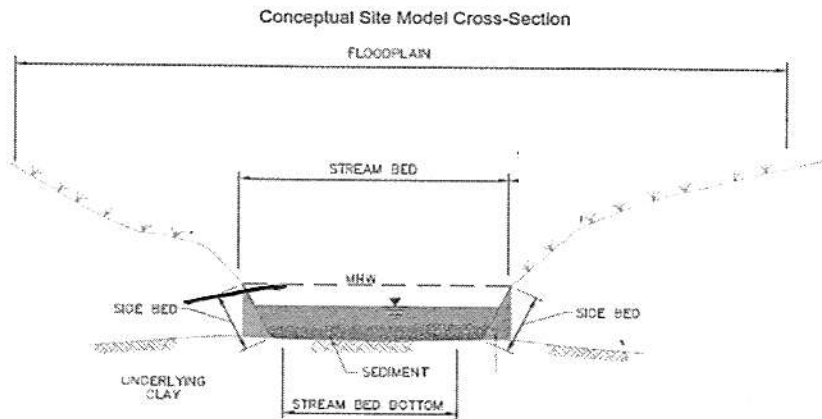
Date/Time: 4/27/16 1320

Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Brn; F SAND and SILT; 2.4% organics; compact; MOIST;	0.0	
6"			
12"			
18"	↓	↓	
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5840-FP-H

Date/Time:

4/26/16 1300

Samplers:

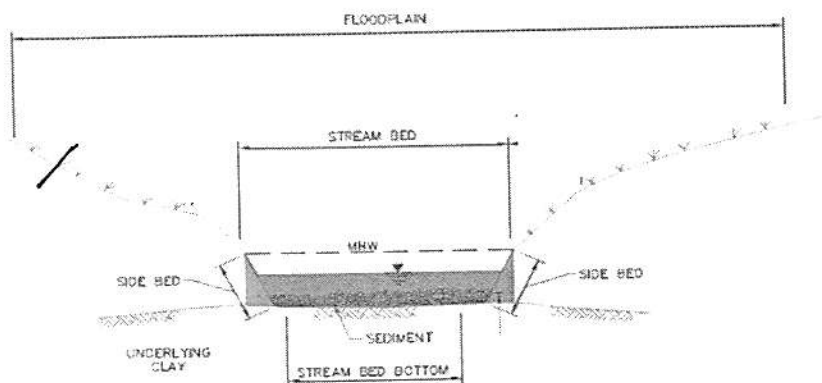
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F SAND; Some silt; Little Roots; loose; moist	0.0	
6"			
12"			
18"			
24"	BRN; F SAND; little silt; little F-M Gravel; compact; moist		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5840 - FPLS-L

Date/Time:

4/26/16 1330

Samplers:

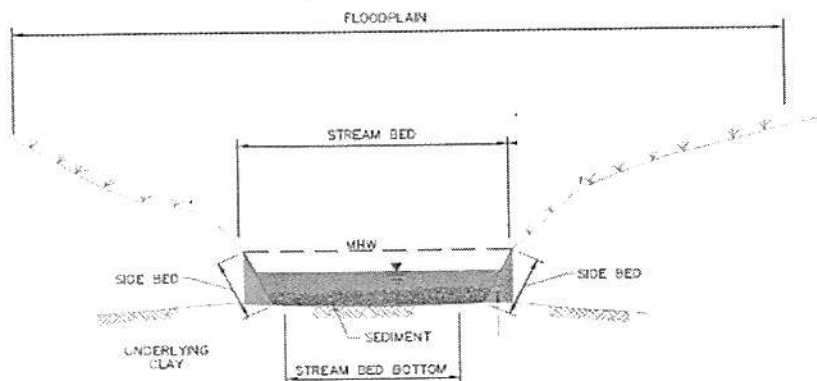
K.S.

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

	Description	PID (ppm)	Remarks
0"			
2"	BRN, F SAND; Some Silt; Some		
6"	Roots; Trace F Gravel; loose;	0.0	
	Dry		
12"			
18"			
24"	BRN; Silt; Some F SAND,	0.1	
	Compact; Moist.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

5840-FP-S-M

Date/Time:

4/26/16 1340

Samplers:

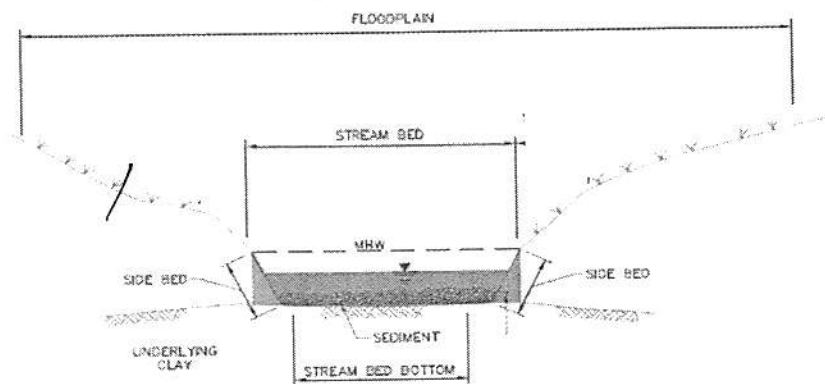
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Brn; F SAND; some silt; little roots; loose; moist		
6"			
12"			
18"			
24"	Brn; silt; some F SAND; Trace F-M Gravel; compact; moist		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 5960-OF-004

Date/Time: 4/26/16 1400

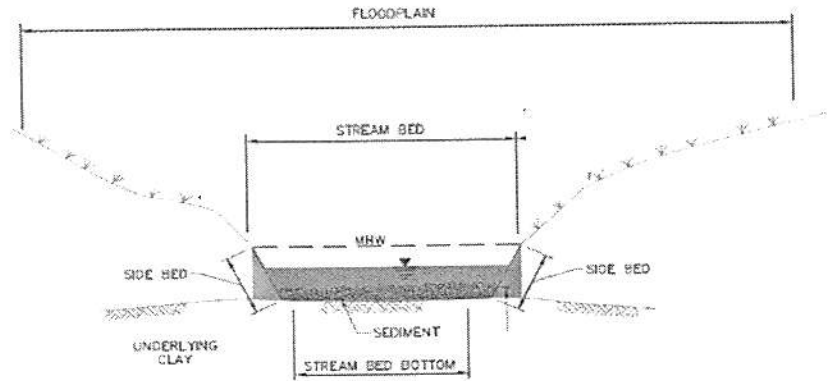
Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

0"	Material Description : Description	PID (ppm)	Remarks
2"	BRN; F SAND; little silt; little ROOTS; loose; moist	0.0	
6"			
12"			
18"			
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 5960-OFB-004

Date/Time: 4/26/16 1430

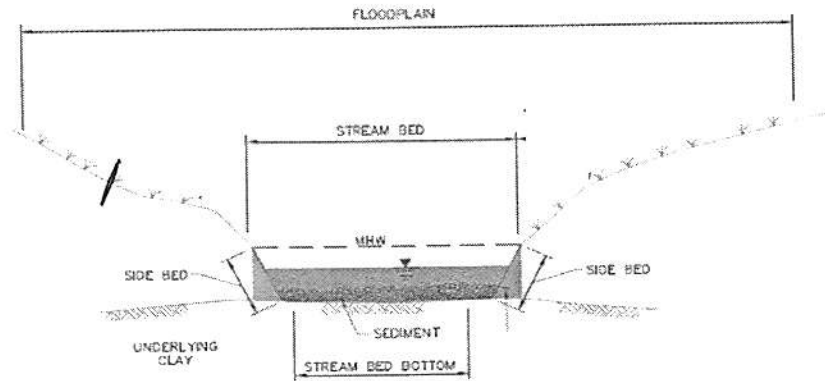
Samplers: 1C5

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BIN; F SAND; Some F-C Gravel; little silt; loose; Dry	0.0	
6"			
12"			
18"			
24"			

26" ROB

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6000-L

Date/Time:

5/3/16

Samplers:

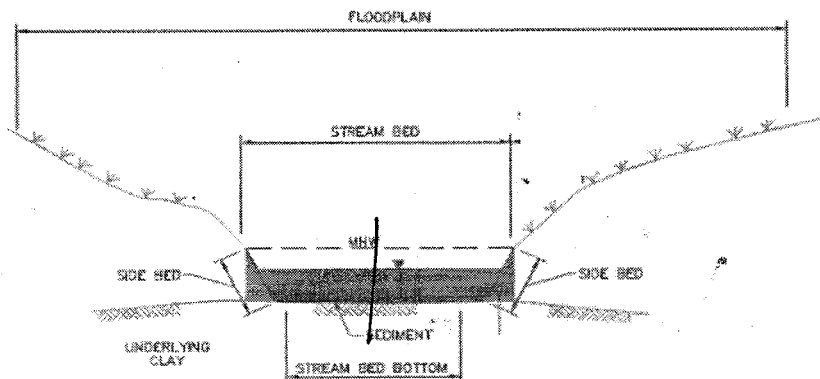
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-0.5' - Bn; F-M Gravel; Same F-M SAND; Trace Silt; loose; wet.	0.0	
6"			
12"	0.5-5' - Gray; clay; ~~compact~~ ; Loose (soft); Moist.		
18"	Silt lens @ 2-2.1' Bgs.		
24"			

Sample 0.5-1'

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6000-SB-N

Date/Time:

5/3/16

Samplers:

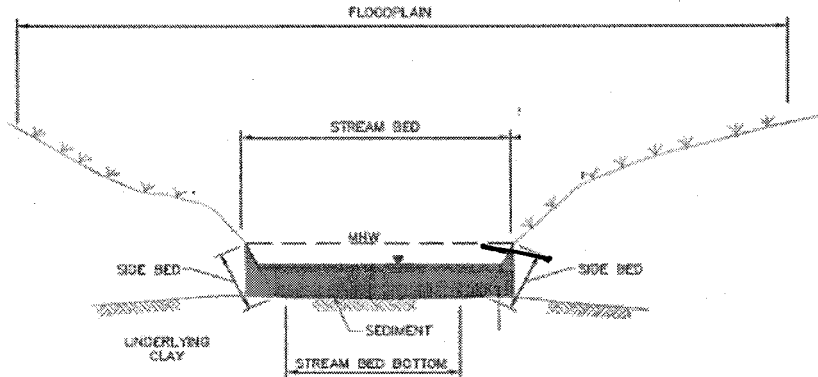
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BGN; FSAND; little Silt; some root fragments; loose; moist.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

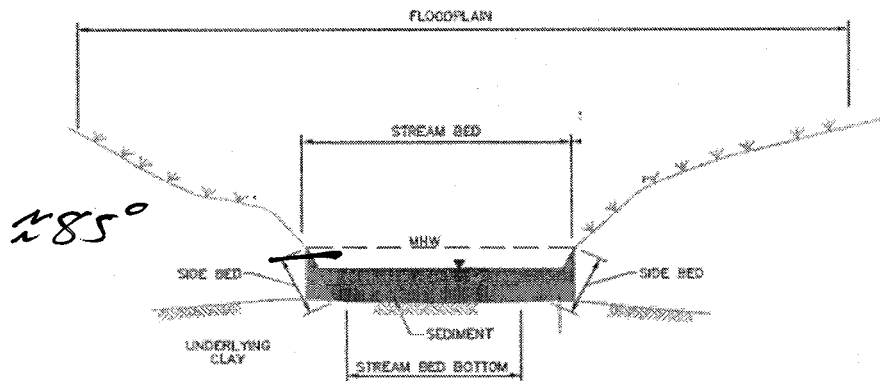
Sample Location: 6000-SB-SDate/Time: 5/3/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brn F SAND; little Silt; some root frags; loose; moist.	0.8	
6"			
12"	12-24" - Brn; Silt; some F SAND; little F-M Gravel;	0.4	
18"	Compact; moist.	0.3	
24"		0.4	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6060-FP-N-INF

Date/Time:

5/3/16

Samplers:

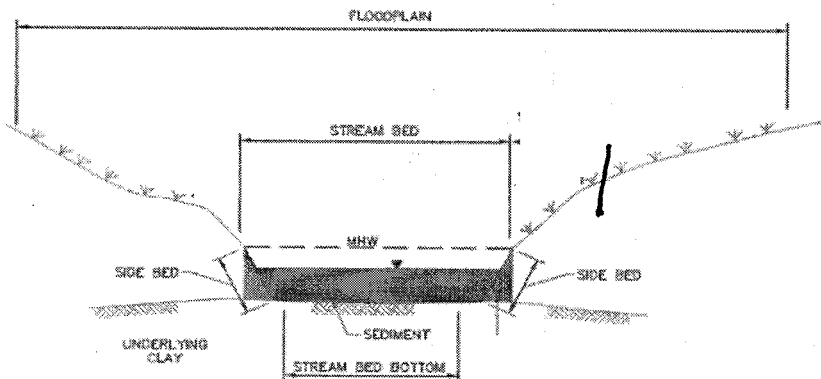
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Bw; F SAND; little Silt; little Root Fragments; loose; Dry.	3.4	
6"			
12"	12-24" - Bw; Silt; Same F SAND.	2.1	
18"	Trace F Gravel; Compact; Moist	0.6	
24"		4.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 6246-OF-005

Date/Time: 4/26/16 1600

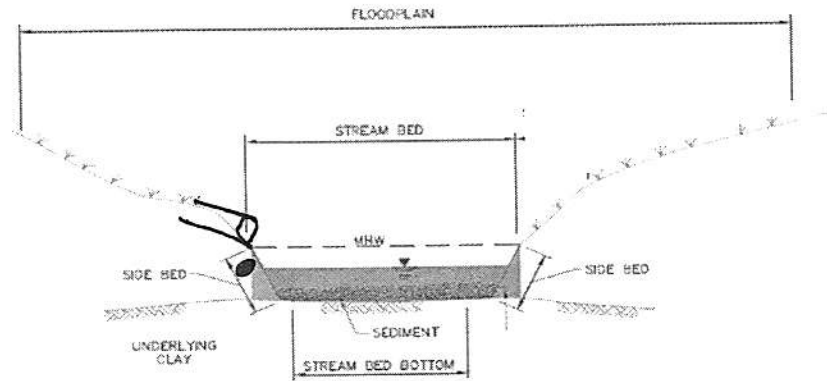
Samplers: 1/5

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN ; Homogenous MED SAND; loose ; wet	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6240-OFB-005

Date/Time:

4/26/16 1610

Samplers:

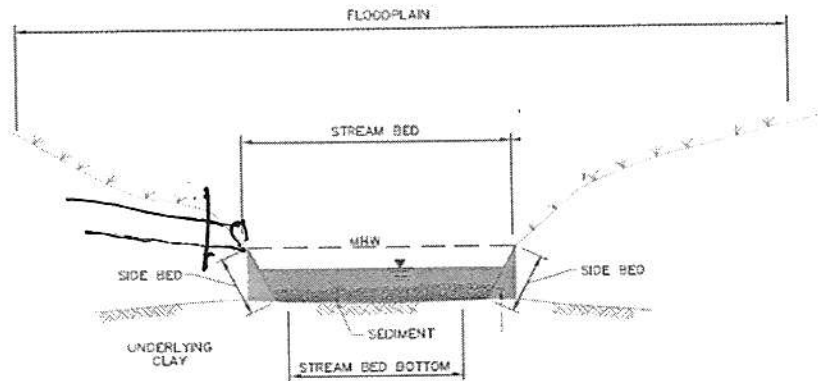
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; F-M SANDS; LATE F-M Gravel; loose; Dry	0.0	
6"			
12"			
18"	sample @ 16-18"		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6275-FP-S-M

Date/Time:

4/26/16 1445

Samplers:

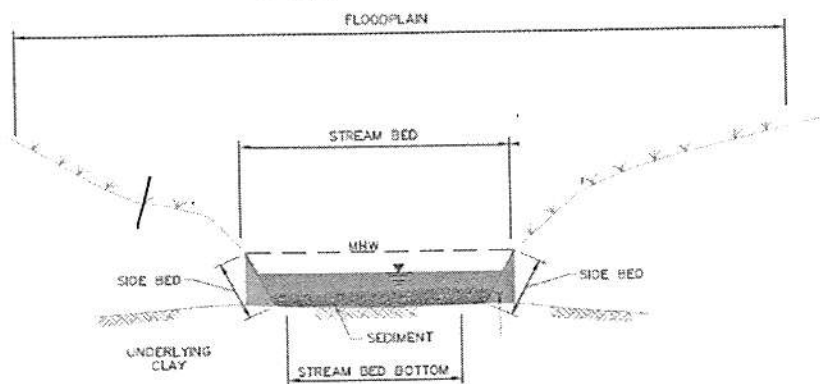
165

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-8" - TSN, F SAND, little silt; Some roots; loose, dry.	0.0	
6"			
8"	8-24" - BSW, F SAND; some silt; compact; dry.	0.1	
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6275-FP-S-H

Date/Time:

4/26/16 1435

Samplers:

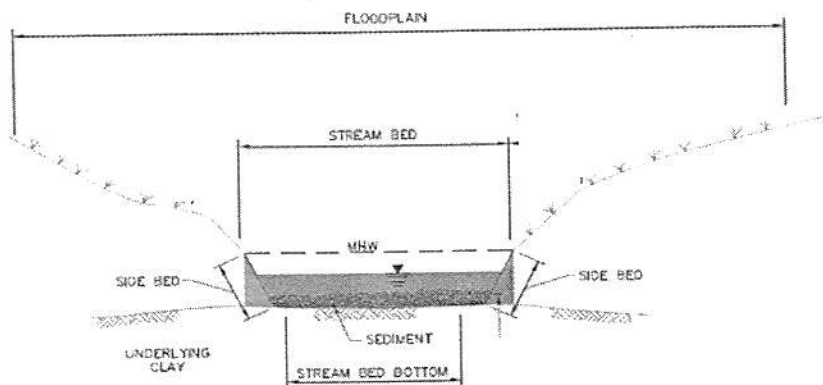
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	Brn : F-M SAND; Trace SILT; Some Peets @ 0-6" Bgs: loose; Dry.		
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6325-C

Date/Time:

5/3/16

Samplers:

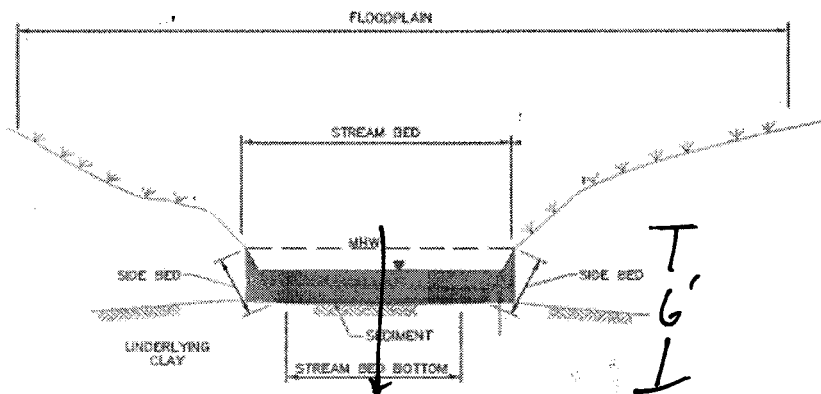
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

	Description	PID (ppm)	Remarks
0"	0-1'; Bw; F-C Gravel upto		
2"	3" diameter; Same F-C		
6"	Sand; Trace Silt. loose, wet		
	HCL ODAs and Sheen @		
	6"-1' Bgs		
12"	1-1.5' - Gray Clay; little Fine-C		
	Gravel and SAND; Compact;		
	wet.		
18"			
	1.5-6' - Gray; Clay; loose, wet.		
24"	- Gray Silt lens @ 3.0-3.1' Bgs.		

Sample collected @ 1.5-2' Bgs.

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6325-SB-S

Date/Time:

5/2/16

Samplers:

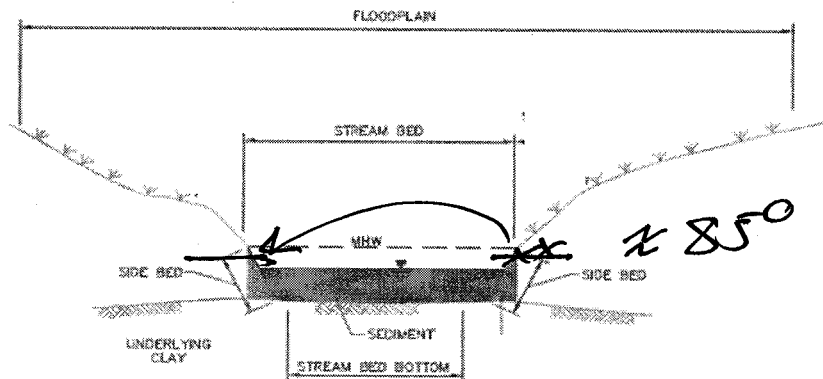
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Brn; Silty SAND; little clay, Trace Root Frags; Compact; Moist.	0.3	
6"			
12"	6-24" - Grey; clay; Some Silt; Trace F. SAND; Compact.	0.0	
18"	Wet.	0.0	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6325-SB-N

Date/Time:

5/2/16

Samplers:

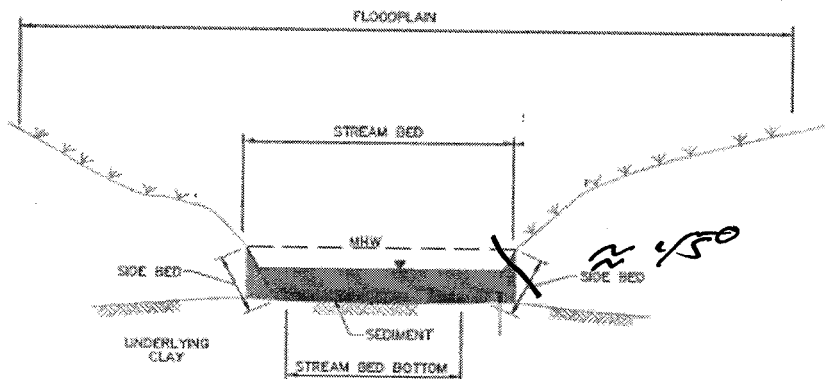
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Bm ; F-C Sand; Little F Gravel; little Silt; loose; wet.	0.0	
6"			
12"			
18"	18-24" - Gray; clay; little Silt; Trace F SAND; loose; wet		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6440-FP-S-H

Date/Time:

5/2/16

Samplers:

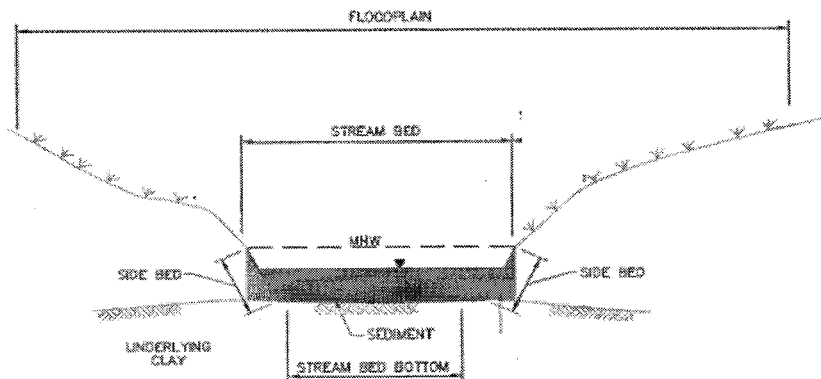
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BW; F SAND; Some silt; little organics and Root Fragments; loose; Dily	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location: 6440- FP S-M

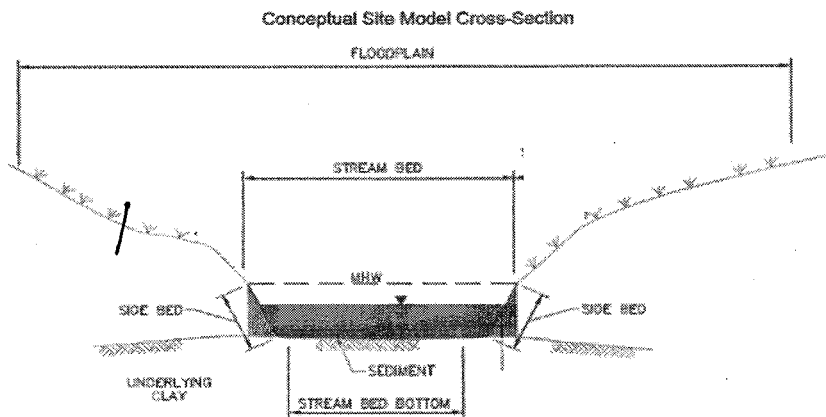
Date/Time: 5/8/16

Samplers: K8

SOUTH

LOOKING DOWNSTREAM

NORTH



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BRN; F SAND; 1.5% silt; 1.5% organics and root	0.0	
6"			
12"	Fragnents; rock; dry.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6440 - FP S-L

Date/Time:

5/2/16

Samplers:

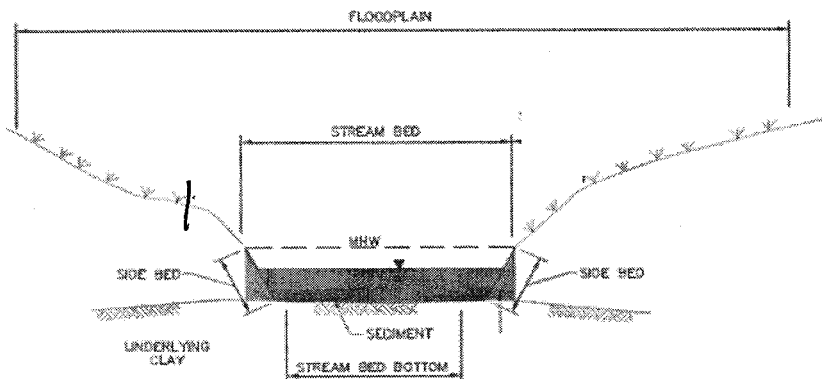
16s

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" Brn; F SAND; little silt; some root fragments; loose; Dry.	0.0	
6"			
12"			
18"	12-24" - Brn; F SAND; some silt; large root fragment		
24"	@ 20" Ags; compact; Dry.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6550-SB-N

Date/Time:

5/2/16

Samplers:

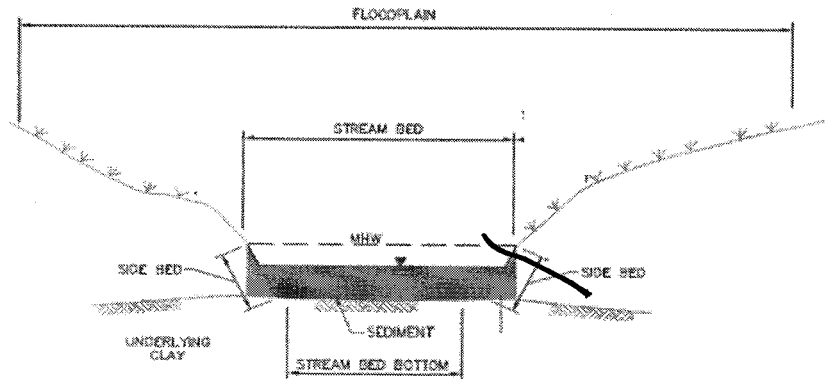
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-4" - Brn; Silt; Some organic debris; little F SAND; loose; moist	0.0	
6"			
12"	4"-16" - Brn; clayey silt; Trace F SAND; compact; moist		
18"			
24"	16-24" - Gray; clay; some silt; Trace F. SAND; compact; wet		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

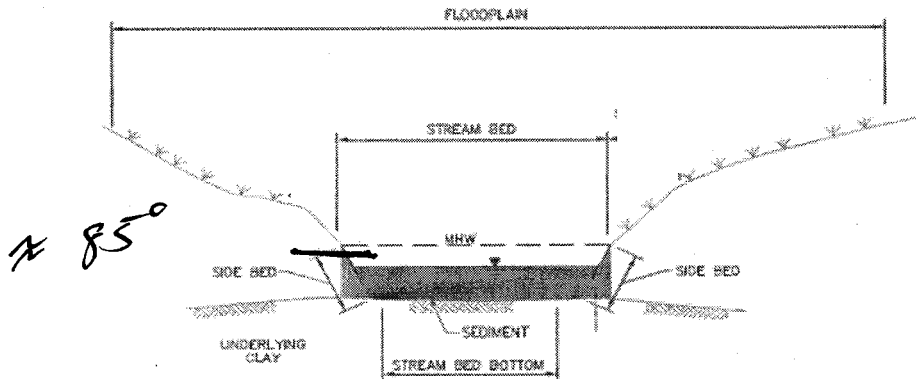
Sample Location: 6550-SR-SDate/Time: 5/2/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24"- BM ; F-M SAND; Some Silt; Some Root Fragments; loose; Moist	1.0	
6"			
12"		0.0	
18"		0.1	
24"		0.3	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6575-FP-S

Date/Time:

5/2/16

Samplers:

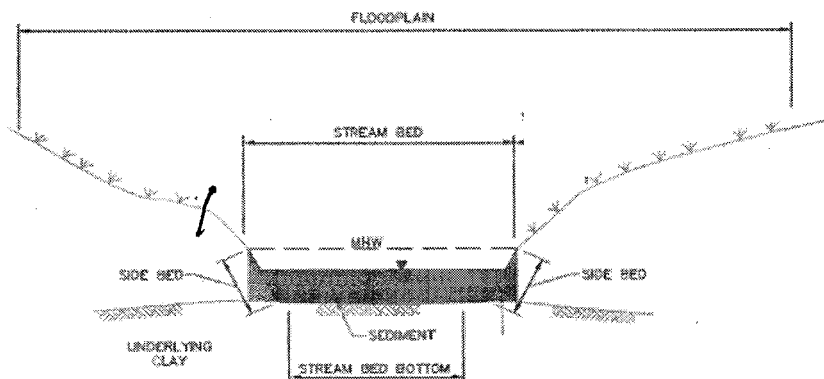
K1

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18", Bw; F SAND; little Silt; Some Root Frags; loose; Dry.	0.0	
6"			
12"			
18"			
24"	18-24" - Bw; Silt; Some F. SAND; little organics; Compact; MOIST.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6580-OFB006

Date/Time:

5/2/16

Samplers:

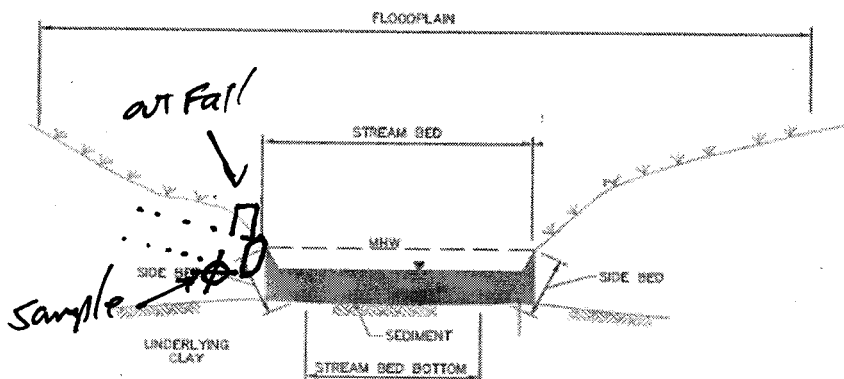
K5

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	Sample collected @ x 2' Bgs, within outfall Redding material.		
6"			
12"	Redding material consists of Brn; F.M Sand; some silt.		
18"	approx. 2" Bentonite immediately adjacent to the outfall Pipe.		
24"			

Sample 1.5 - 2 ft Bgs

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6580-04-006

Date/Time:

5/2/16

Samplers:

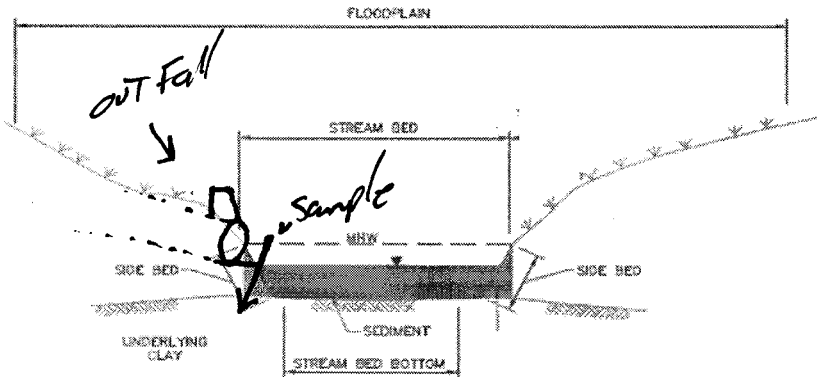
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Gray ; clay ; little silt ; Trace F.M Gravel ; Compact ; wet	0.0	
6"			
12"			
18"	12-24" - Gray ; Clay ; little F.M Gravel ; Compact ; moist		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6605-FP-S

Date/Time:

5/2/16

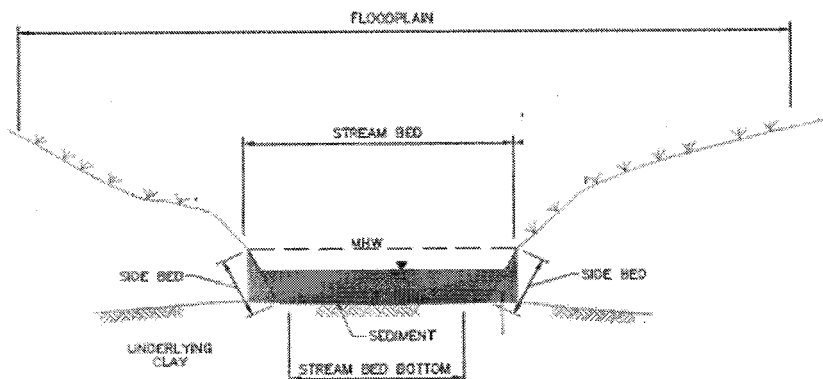
Samplers:

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Bw; f SAND; little Silt. Some Root Fragments; little organic debris; loose; DRy	0.1	
6"			
12"		0.0	
18"		0.2	
24"	18-24" - Bw; Silt; little f SAND; compact; moist	0.1	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6660-FP-5

Date/Time:

5/2/16

Samplers:

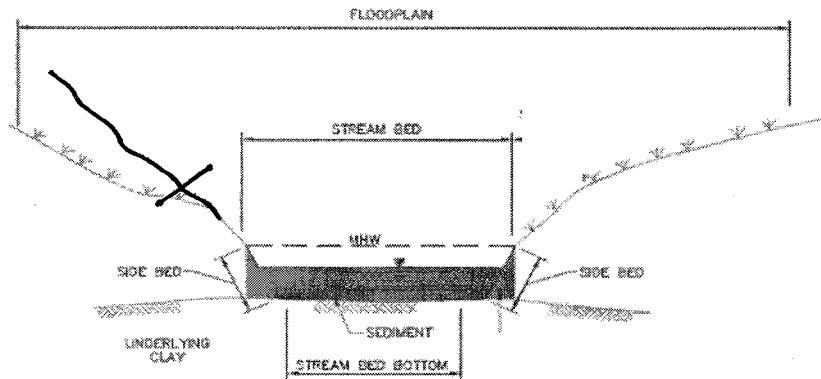
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Brn; F SAND; Some Silt; Some F-C gravel; loose; Dry.	0.0	
6"			
12"			
18"	18-24" - Brn; Silt; little F. SAND; Compact; moist.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6735-FP-S

Date/Time:

5/2/16

Samplers:

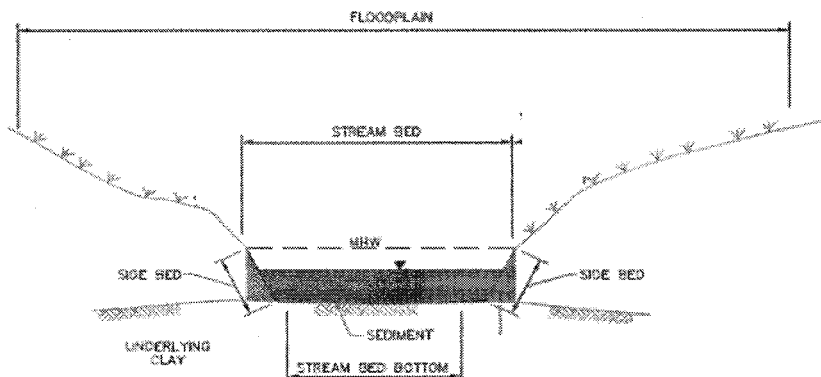
XS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - BBN; F.M SAND; Same M-C Gravel (sub Ang); trace Silt; loose; Dry.	0.0	
6"			
12"	6-18" - BBN; F SAND; Same Silt; little F.M Gravel; loose; Dry.		
18"			
24"	18-24" - BBN; Silt; little F Gravel; little F SAND; compact; Moist.		

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6775-FP-S

Date/Time:

5/2/16

Samplers:

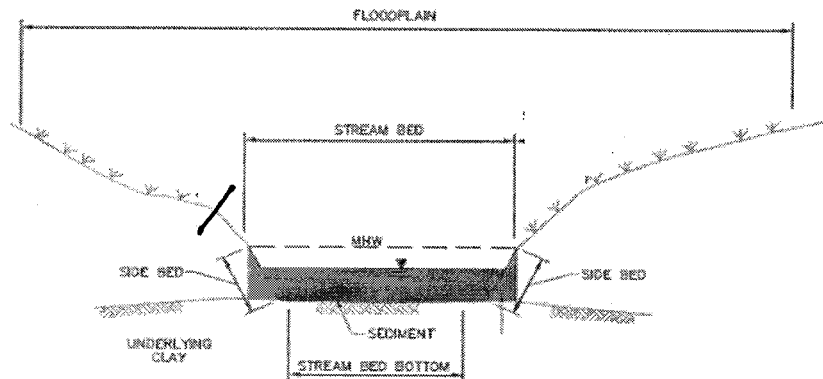
Ks

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-8" - B/W; F-M SAND; Same F-C SUBANG gravel; little Silt; loose; Dry.	0.6	
6"			
12"	8"-24" - B/W; F SAND; Same Silt; little Root Fraggs; Moderately Compact; Moist.	0.3	
18"		0.2	
24"		0.0	

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6790-FP-N-L

Date/Time:

5/2/16

Samplers:

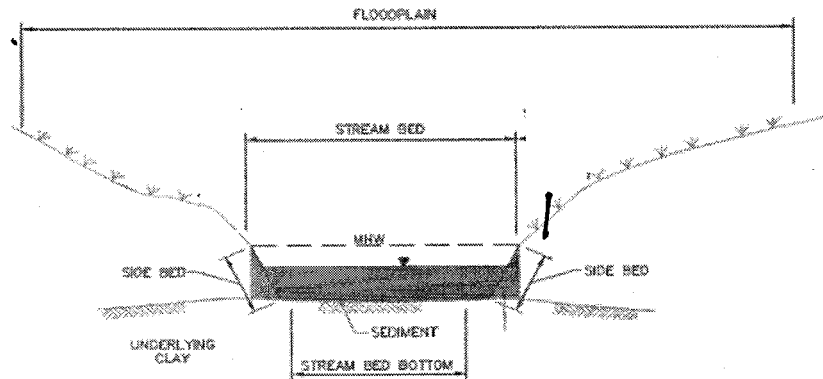
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BRN; F SAND; little Silt; Some Root Frags; loose; Dry.	0.0	
6"			
12"	12-24" - BRN; Silt; some F Sand; Trace F Gravel; compact; Moist.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6790-FP-N-M

Date/Time:

~~7/29/16~~

Samplers:

KS

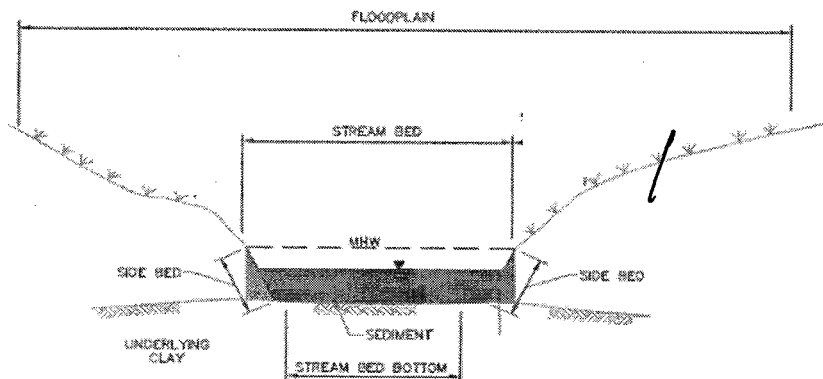
5/2/16

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - Brn; F SAND; little silt; Some Root Fragments @ 0-6" BGS; Trace F-M Gravel; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6790-FP-N-H

Date/Time:

5/2/16

Samplers:

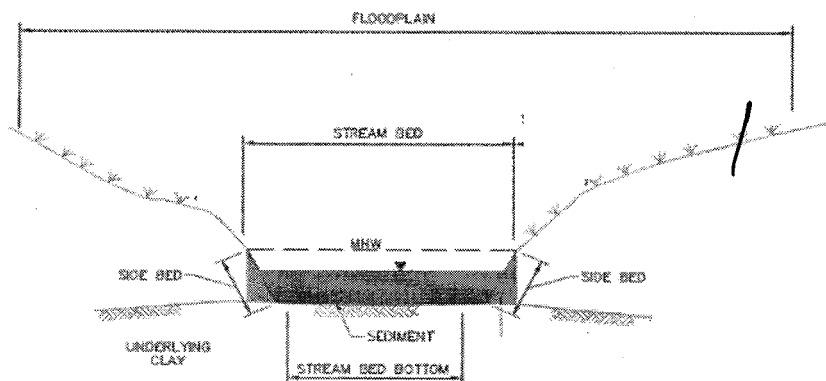
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - BRN; F SAND; little silt; Trace F-M Gravel; loose; Dry.	0.0	
6"			
12"			
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6820-FP-S

Date/Time:

5/2/16

Samplers:

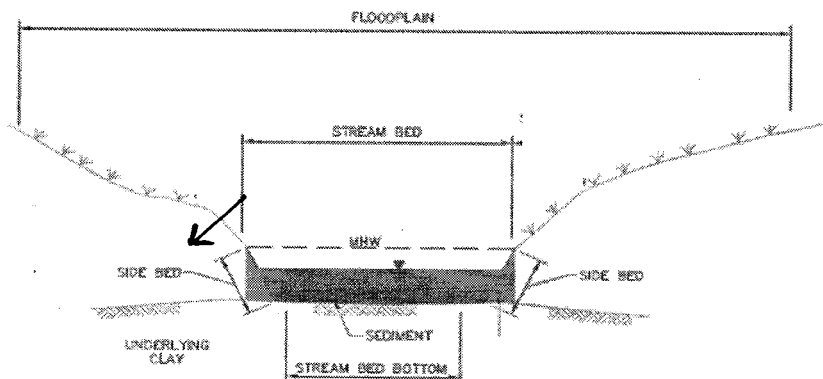
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-18" - Brn; Sandy Silt; Some organic debris; little M-C SAND; loose; wet	0.0	
6"			
12"			
18"	18-24" - Brn. F-M Sand. Some silt; little F-M Gravel; loose; wet		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6840-OF-007

Date/Time:

5/2/26

Samplers:

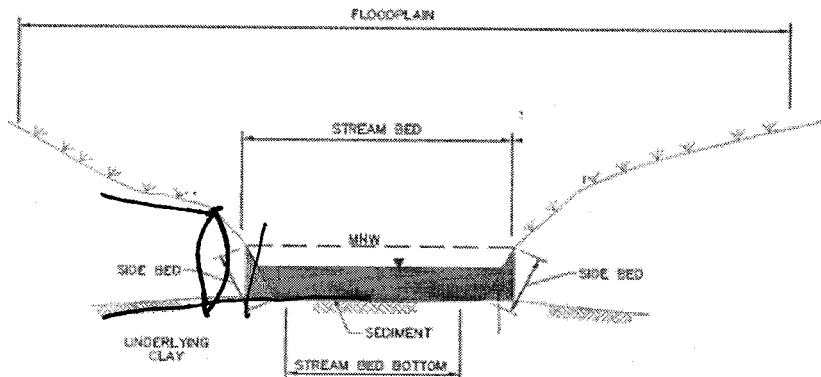
KC

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brown; Silt and organic debris; little F-M SAND; loose; wet	0.6	
6"			
12"		0.3	
18"	12-24" - Gray; Silt; some Clay; little F-M Sand; loose; wet.	0.8	
24"		0.4	

6840-OFB-007

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

~~6840-OFB-007~~ ^{KS}

Date/Time:

5/26/16

Samplers:

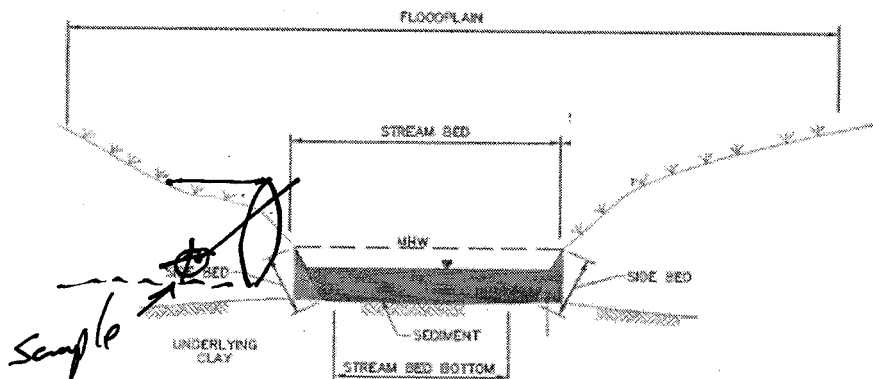
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :		PID (ppm)	Remarks
0"	Description		
2"	0-18" - ANG to SUB ANG Rock Fragments; Dry	0.0	
6"			
12"	18-24" - FAN; F-C Gravel; Some F-M SAND; Trace silt; loose; wet		
18"			
24"			

Sample collected @ 1.5-2.0' Bgs

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6580-C

Date/Time:

5/3/16

Samplers:

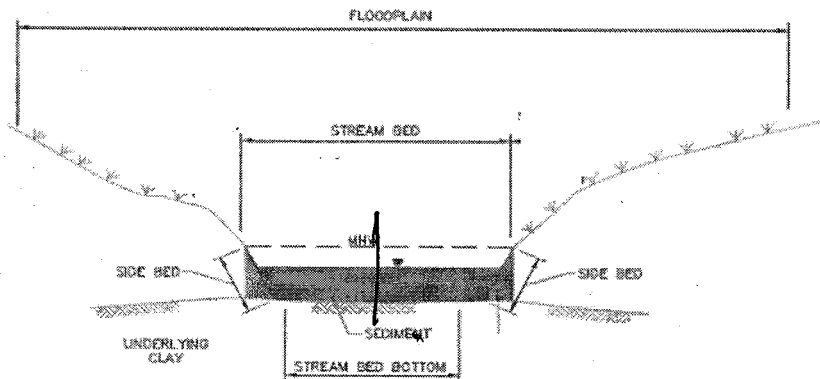
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1' - Brn; F-C SAND. Some F-C Gravel; little silt; loose; wet.	0.0	
6"			
	1-4' - Gray; Silty Fine SAND; little Clay; Compact; moist.		
	4-5' - Gray; Clay; loose; wet		
18"			
24"			

Samples @ 1-1.5, 4-4.5

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6900-L

Date/Time:

5/3/16

Samplers:

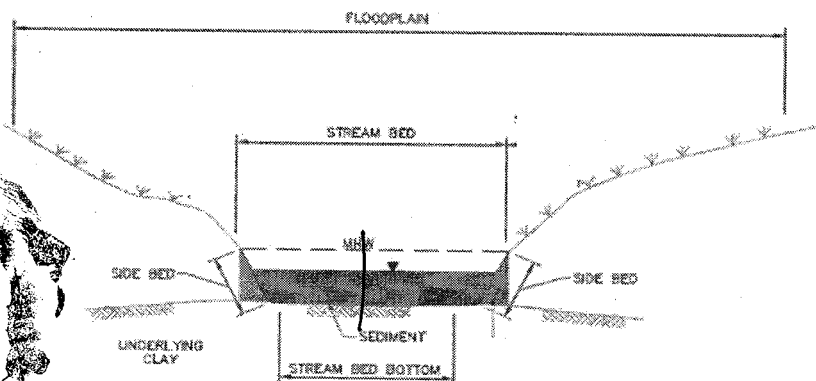
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-8" - BW; F-C SAND; Same F-C Gravel; some Brick and concrete Fragments; loose.	0.2	
6"	Wet.		
12"	8"-4' - ^{Gray} ~~Red~~ ; Silty FSAND; little clay; compact; moist.	0.1	
18"	4'-5' - Gray; clay; loose; wet	0.1	
24"		0.0	

Samples @ 1-1.5', 4-4.5'

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6950-SB-N

Date/Time:

5/3/16

Samplers:

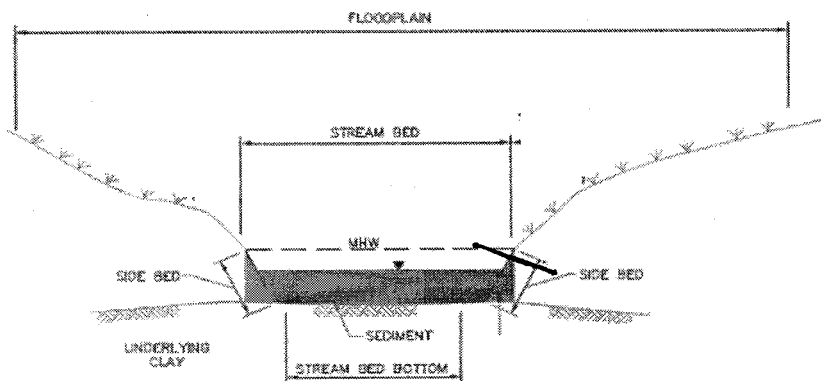
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - BSW; F SAND; Same organic debris; Same silt; loose; moist.	0.0	
6"			
12"	6-24" - BSW; Silt; Same clay; Trace F SAND and organics.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6950-SB-5

Date/Time:

5/3/16

Samplers:

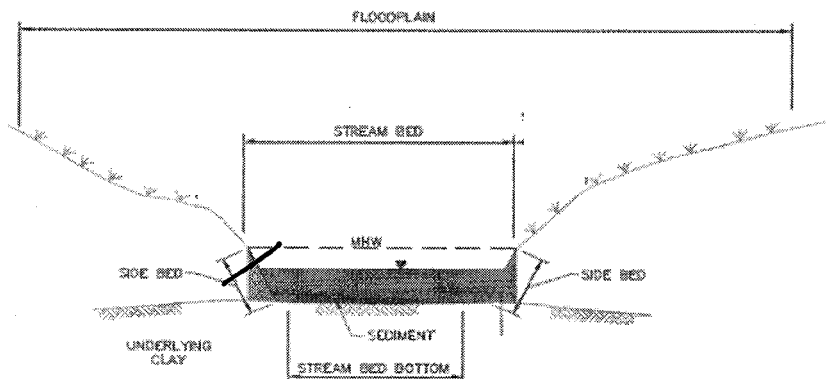
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-24" - B.W.; Silt; little clay, Trace F SAND and organics;	0.0	
6"			
12"	compact; wet.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6970-OFTS-008

Date/Time:

5/3/16

Samplers:

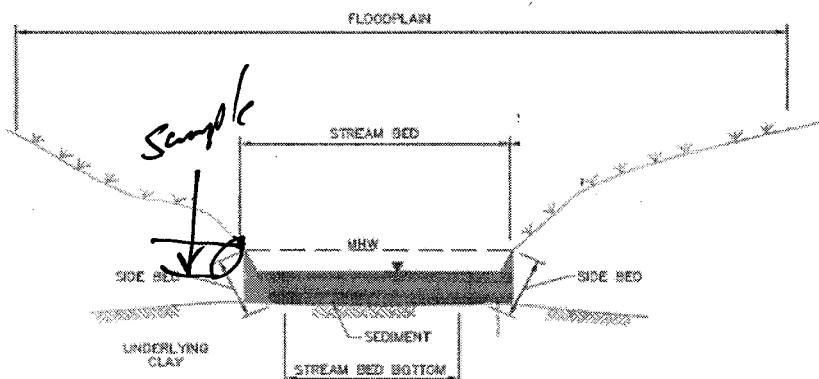
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-4' - BWN; Silt; some F SAND; little Root Frags, Trace F Gravel; mod Compact; Dry	0.0	
6"			
12"	4-5' - BWN; Silt; little F-M Gravel; loose; Moist		
18"			
24"			

Sample collected @ 4-5' Bgs.

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6970-OFB-009

Date/Time:

5/3/16

Samplers:

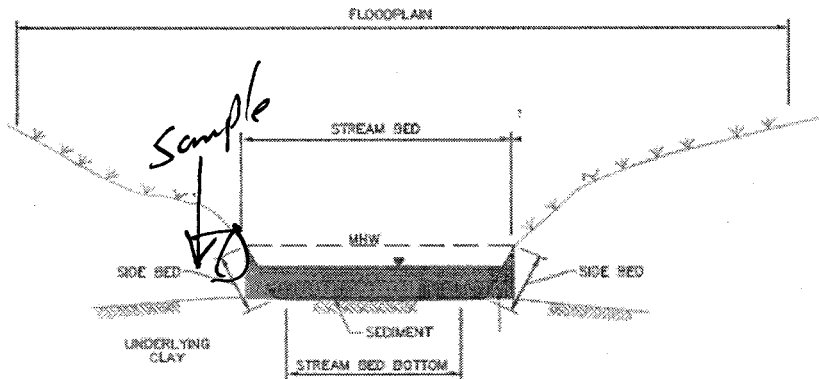
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

	Description	PID (ppm)	Remarks
0"	0-4' - Bw; F SAND; Some Silt, Trace F Gravel; Mod Compact; Dry.	0.0	
2"			
6"	4-5' - Bw; Silt; little F-M Gravel; loose; MOIST		
12"			
18"			
24"			

Sample collected @ 4-5' Bgs

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

6970 -OF- 008

Date/Time:

5/3/16

Samplers:

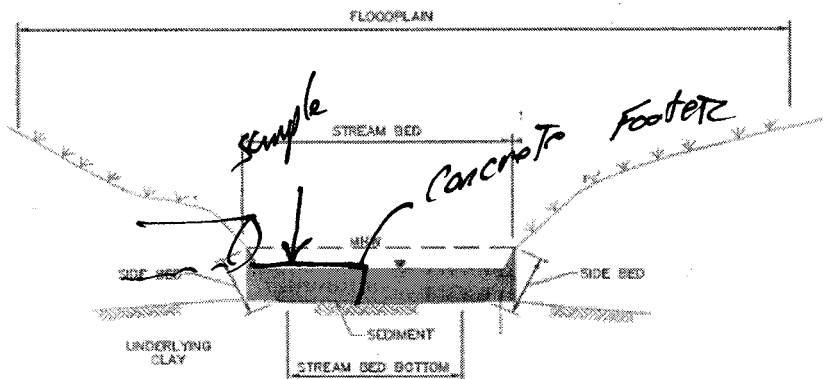
K

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN; Silt; Some F-C Sand,		
6"	Some organic debris; Trace F-m Gravel; loose; wet	7.2	
12"	Refusal @ 12" Res on Concrete Footer	3.1	
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

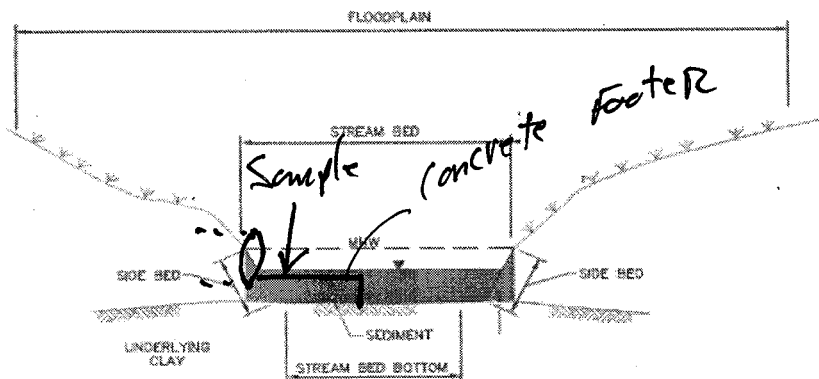
Sample Location: 6970-OF-009Date/Time: 5/3/16Samplers: KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	BRN ; Silt ; Some F-C SAND ; Some organic debris (leaves, sticks)	3.2	
6"	Loose ; wet.	1.1	
12"	Refusal @ 12" BGS on Concrete footer.		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

7090-C

Date/Time:

5/3/16

Samplers:

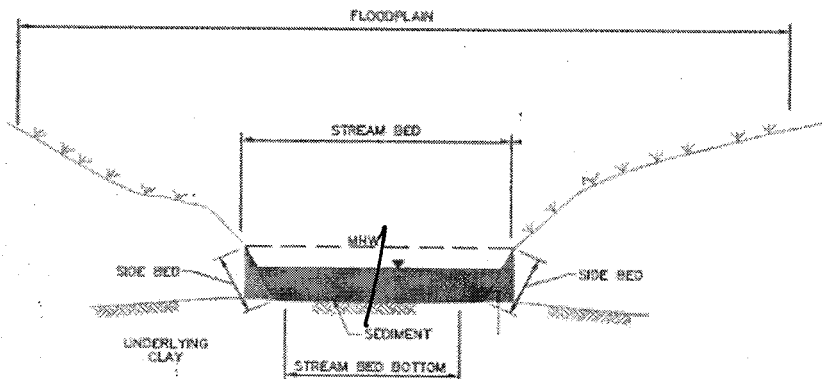
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-8" - Angular Rock Fragment upto 8" diameter		Recovery = 3.5' g 5'
6"	8"-1.5' - Drk BW; Silt; some M-C Gravel; some organics.		
12"	1.5'-3- Drk BW; F SAND; some Silt; Some organic debris.		loose; wet
18"	3-4' - Gray; Silty F SAND; little clay; compact; moist.		
24"	4-5' - Gray; Clay; loose; wet		

~~1.5-2~~ 3-3.5
 4-4.5

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

7210-C

Date/Time:

5/4/16

Samplers:

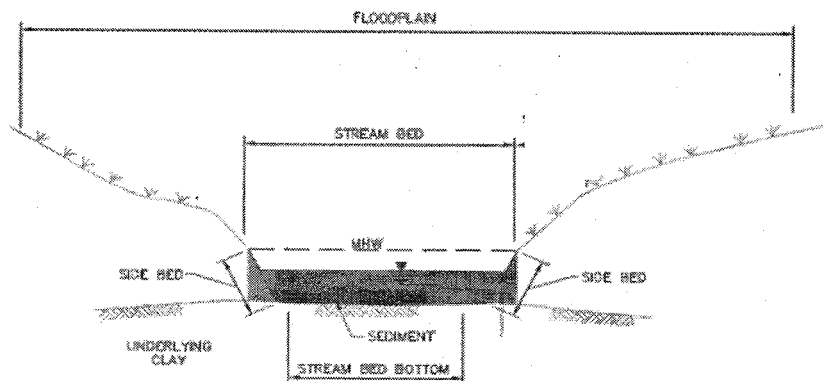
K1

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-8" - Angular Rock Fragments upto 8" diameter;		
6"			
12"	8-4' - Bw; Silt; some F. Sand; Trace F-m Gravel; compact; Moist.		
18"	4-5 - Grey; clay; some silt; little F. Sand; Compact; Moist		
24"	5-7' - SAA. Peat lens @ 6.0' BS. - little organics @ 6.8-6.9' BS		

1-1.5 , 4-4.5

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

7210-SB-N

Date/Time:

5/3/16

Samplers:

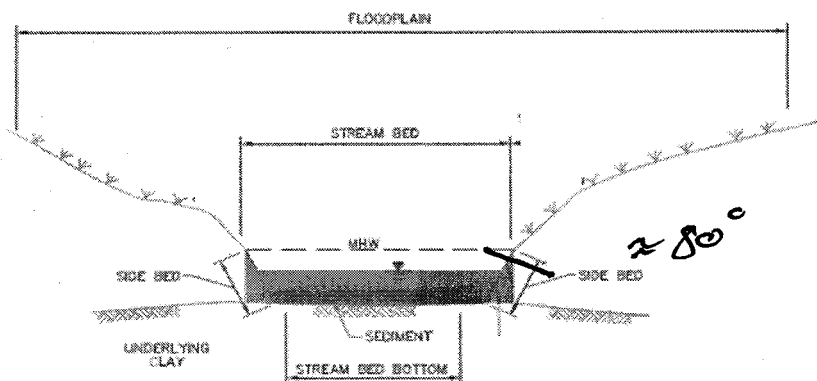
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-6" - Bm; FSAND; Some Silt; Some Root Frags; loose; Moist.	0.0	
6"			
12"	6-24" - Bm; Silt; little F SAND; Trace F Gravel; Compact; moist		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

7210-SB-S

Date/Time:

5/3/16

Samplers:

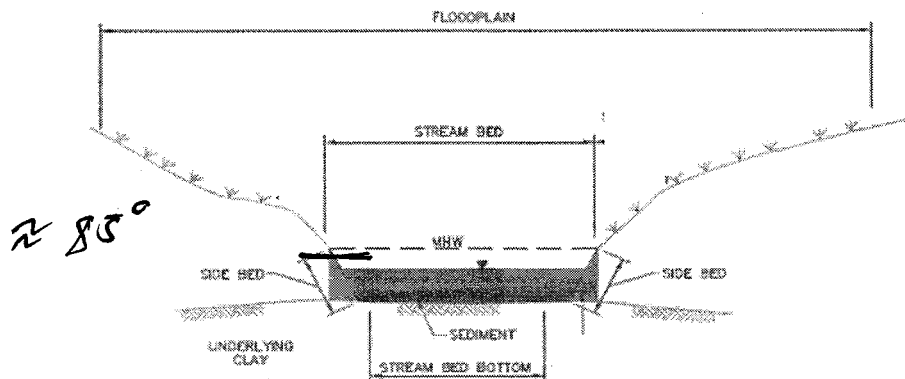
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION
(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - Brn; F SAND; same Silt; little Root Frags; loose; Dry.	0.0	
6"			
12"	12-24" - Brn; F-M Gravel; same F-M SAND; little Silt; loose; Dry		
18"			
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

7310-SB-S

Date/Time:

5/3/16

Samplers:

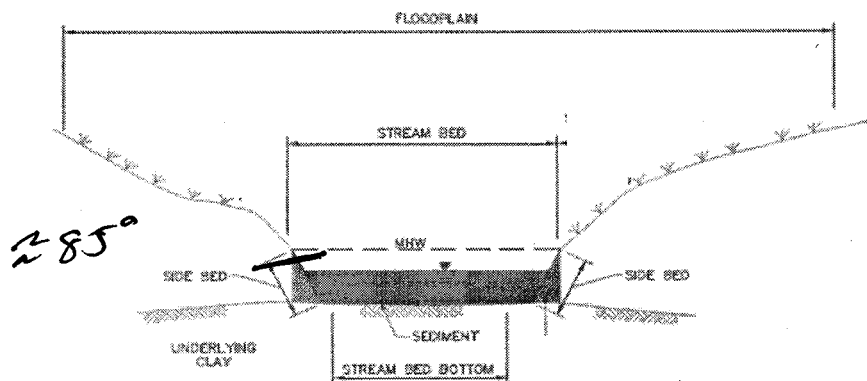
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-12" - BRN; F SAND; Some Silt; Some Root Frags; Trace Gravel @ 11-12"	0.0	
6"			
12"			
18"	12-24" - BRN; F-M Gravel; little F-M SAND; Trace Silt; loose; Dry.		
24"			

AECOM

SANDERS CREEK SEDIMENT SAMPLING

Sample Location:

7310-C

Date/Time:

5/4/16

Samplers:

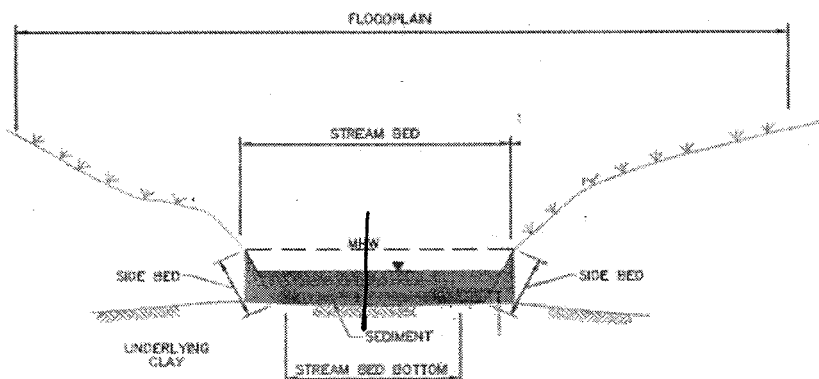
KS

SOUTH

LOOKING DOWNSTREAM

NORTH

Conceptual Site Model Cross-Section



CIRCLE/SKETCH SAMPLE LOCATION

(Draw revised topographical profile if significantly different)

Material Description :

0"	Description	PID (ppm)	Remarks
2"	0-1' - Angular Rock Fragments upto 8" dia. little M-C SAND and Gravel; loose		
6"			
12"	1-4' - Brn. Silt; Some F SAND; little clay; compact; moist.		
18"	4-6' - Gray; Clay; little Silt; Trace; F-M Gravel; compact.		
24"	WET.		

Sample 1-1.5'
4-4.5'

Appendix B
Data Usability Summary Report Narrative – On Disk
(DUSR attachments are available on request)