AECOM Environment

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

Prepared by:
AECOM
Latham, NY
60310231
April 2015

RCRA FACILITY INVESTIGATION REPORT

UTC/CARRIER SITE
CARRIER-DEWITT LANDFILL (AOC G), THOMPSON ROAD, SYRACUSE, NY

Corrective Action Order - Index CO 7-20051118-4

NYSDEC Site Registry #734043

AECOM Environment

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

Prepared by:
AECOM
Latham, NY
60310231
April 2015

RCRA FACILITY INVESTIGATION REPORT

UTC/CARRIER SITE
CARRIER-DEWITT LANDFILL (AOC G), THOMPSON ROAD, SYRACUSE, NY

Corrective Action Order - Index CO 7-20051118-4

NYSDEC Site Registry #734043

Prepared for:

United Technologies

UTC Shared Remediation Services
9 Farm Springs Road
Farmington, Connecticut 06032

Prepared by:

AECOM USA, Inc.
40 British American Boulevard
Latham, New York 12110

Contents

1.0 Introduction 1-1

1.1 Remedial Investigation Tasks and Objectives 1-1

2.0 Site History and Characteristics 2-1

2.1 Site History 2-1

2.2 Physical Setting 2-1

2.2.1 Local Geology 2-1

2.2.2 Site Topography 2-2

2.2.3 Site Drainage 2-2

2.2.4 Wetland Delineation 2-3

3.0 Remedial Investigation Methodology 3-1

3.1 Sitewide Soil Investigation 3-1

3.1.1 Surface Soil Sampling 3-1

3.1.2 Sitewide Soil Borings and Subsurface Soil Sampling 3-1

3.2 VOC Source Area Soil Sampling 3-1

3.3 Groundwater Assessment 3-2

3.3.1 Monitoring Well Installation 3-2

3.3.2 Groundwater Sampling 3-2

3.3.3 Slug Testing 3-3

3.4 Background Metals Study 3-3

3.5 Wetland Sediment, Surface Water and Pore Water Assessment 3-3

3.5.1 Sediment Sampling 3-4

3.5.2 Pore Water Sampling 3-4

3.5.3 Surface Water Sampling 3-4

4.0 Results and Data Evaluation 4-1

4.1 Geology 4-1

4.2 Hydrogeology 4-1

4.3 Laboratory Analytical 4-2

4.3.1 Surface Soil 4-2

4.3.2 Subsurface Soil 4-6

4.3.3 Sediment 4-13

4.3.4 Groundwater 4-16

4.3.5 Pore Water 4-19

4.3.6 Surface Water 4-20

4.4 Natural Attenuation Evaluation....4-22
4.4.1 Evidence of Anaerobic Degradation....4-23
4.4.2 Evidence of Aerobic Degradation....4-29
4.4.3 Summary/Conclusions....4-30
4.5 Surveying....4-30
4.6 Data Usability....4-31

5.0 Community Air Monitoring....5-1

6.0 Investigation Derived Waste Management....6-1

7.0 Conclusions and Recommendations....7-1
7.1 Selection of Chemicals of Potential Concern....7-1
7.2 Nature and Extent of Contamination....7-1
7.2.1 Surface Soil....7-1
7.2.2 Subsurface Soil....7-2
7.2.3 Sediment....7-2
7.2.4 Groundwater, Pore Water and Surface Water....7-3
7.3 Exposure Assessment....7-4
7.3.1 Landfill/Upland Areas....7-4
7.3.2 Wetland....7-4
7.4 Assessment Summary/Recommendations....7-4
7.4.1 Soil and Sediment....7-5
7.4.2 Groundwater....7-5
7.4.3 Fish and Wildlife Resource Impact Assessment....7-6
7.4.4 Trespasser Exposure Management....7-6

List of Tables

Table 1 – Summary of Groundwater Elevations
Table 2 – PCB and VOC Results for Surface and Subsurface Soil
Table 3 – SVOC Results for Surface and Subsurface Soil
Table 4 – Metals Results for Surface and Subsurface Soil
Table 5 – Summary of the EnSafe Phase II Investigation Soil Data
Table 6 – Screening of Sediment for VOCs
Table 7 – Screening of Sediment for SVOCs
Table 8 – Distribution and Screening of PCBs in Sediment by Depth
Table 9 – Screening of Sediment for Metals
Table 10 – VOCs in Groundwater and Pore Water
Table 11 – PCBs and SVOCs in Groundwater and Pore Water
Table 12 – Total and Dissolved Metals in Groundwater and Pore Water
Table 13 – PCBs and VOCs in Surface Water
Table 14 – SVOCs in Surface Water Results
Table 15 – Total and Dissolved Metals in Surface Water
Table 16 – Microbial Groundwater Data Summary
Table 17 – Groundwater Field Parameters

List of Figures

Figure 1-1 – Site Location Map
Figure 2-1 – Parcel Map and Drainage Patterns
Figure 2-2 – Parcel Map and Wetland Features
Figure 3-1 – Site Plan with Cross Section Locations
Figure 4-1 – Cross Section A-A’
Figure 4-2 – Cross Section B-B’
Figure 4-3 – Thickness of Landfilled Material
Figure 4-4 – Shallow Groundwater Contour Map
Figure 4-5 – Deep Groundwater Contour Map
Figure 4-6 – VOC Concentration in Surface Soil
Figure 4-7 – SVOC Concentration in Surface Soil
Figure 4-8 – PCB Concentration in Surface Soil
Figure 4-9 – Metals Concentration in Surface Soil
Figure 4-10 – VOC Concentration in Subsurface Soil
Figure 4-11 – VOC Concentration in Subsurface Soil, Cross Section A-A’
Figure 4-12 – VOC Concentration in Subsurface Soil, Cross Section B-B’
Figure 4-13 – SVOC Concentration in Subsurface Soil

Figure 4-14 – PCB Concentration in Subsurface Soil
Figure 4-15 – PCB Concentration in Subsurface Soil, Cross Section A-A'
Figure 4-16 – PCB Concentration in Subsurface Soil, Cross Section B-B'
Figure 4-17 – Metals Concentration in Subsurface Soil
Figure 4-18 – VOCs in Shallow Groundwater Isoconcentration Map

List of Appendices

Appendix A – Soil Boring Logs
Appendix B – Data Usability Summary Reports
Appendix C – Community Air Monitoring Program (CAMP) Data
Appendix D – Laboratory Analytical Reports

List of Acronyms

AOC	Area of Concern
ASL	Above Mean Sea Level
AWQS	Ambient Water Quality Standards
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CAMP	Community Air Monitoring Program
CHA	Clough Harbour and Associates LLP
cm/s	Centimeters per second
COPC	Chemical of Potential Concern
DPT	Direct Push Technology
FWRIA	Fish and Wildlife Resource Impact Assessment
IDW	Investigation Derived Waste
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAD	North American Datum
NAVD	North American Vertical Datum
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
PCB	Polychlorinated Biphenyl
PDI	Pre-Design Investigation
PID	Photoionization Detector
PM-10	Particulate Matter Less than 10 Micrometers in Size
PPE	Personal Protective Equipment
ppm	Parts per Million
PVC	Polyvinyl Chloride
RCRA	Resource Conservation and Recovery Act (1976)
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
ROW	Right of Way
SCO	Soil Cleanup Objective
SSO	Site Safety Officer
SVOC	Semivolatile Organic Compound

TAL	Target Analyte List
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TOC	Total Organic Carbon
TOGS	Technical and Operational Guidance Series
TRPL	Thompson Road Parking Lot
TSCA	Toxic Substances Control Act, 1976
µg/L	Micrograms per Liter
USEPA	United States Environmental Protection Agency
UTC	United Technologies Corporation
VOC	Volatile Organic Compound

1.0 Introduction

On behalf of United Technologies Corporation (UTC), AECOM USA, Inc. (AECOM) is pleased to provide this Resource Conservation and Recovery Act (RCRA) Facility Investigation Report (Report) presenting the results of Remedial Investigation (RI) activities conducted at the Carrier Corporation-DeWitt Landfill, Area of Concern G (AOC G, or the "Site") between October and December 2014. The submittal of a report following each phase of RI field activity and sampling is described in the Remedial Investigation Work Plan (RIWP) approved for the Site by the New York State Department of Environmental Conservation (NYSDEC).

Previous investigations completed during 2008 and 2009 by EnSafe Inc. (EnSafe) and others identified polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals at concentrations exceeding NYSDEC Soil Cleanup Objectives (SCOs) within the surface and subsurface landfill material at the Site. VOCs were detected in groundwater near the center of the AOC G landfill with a plume extending northwest toward the adjacent wetland at concentrations that exceeded the New York State Ambient Water Quality Standards and Guidance Values (AWQS). The previous investigation findings are summarized in EnSafe's Final Thompson Road Parking Lot Phase II Investigation Report, August 2010. NYSDEC provided comments on the Phase II Investigation Report and requested a RIWP for AOC G.

EnSafe prepared a Draft RIWP for submittal to NYSDEC in July 2011. NYSDEC provided comments on the Draft RIWP in a Memorandum dated September 12, 2013, which was responded to by AECOM's letters and emails dated October 29, 2013. In November 2013 AECOM initiated characterization of the wetland areas of the site in order to take advantage of the beneficial vegetative and climatic conditions provided by the fall season. The results of this wetland characterization and sediment sampling were presented to NYSDEC in the *Wetland Delineation Data Summary/ Transmittal Report* (AECOM, November 2013). NYSDEC provided additional comments on the RIWP on April 10, 2014; August 26, 2014; and September 22, 2014. As revised by these communications, the RIWP for the Site was approved by NYSDEC in a letter dated October 21, 2014.

1.1 Remedial Investigation Tasks and Objectives

The tasks described in the approved RIWP, which include field investigatory activities and laboratory analyses, and their objectives are summarized below:

1. Sitewide Soil Investigation:
   - Characterize the nature and extent of Site-related contaminants in soil to the depth of landfilling activities.

2. VOC Source Area Soil Sampling
   - Delineate the horizontal and vertical extent of the VOC source area in the northern portion of the landfill near existing well TR-06 and test pit ETP-5; and
   - Delineate the horizontal and vertical extent of the VOC source area in the southern portion of the landfill near test pit ETP-12.

3. Groundwater Assessment
   - Assess the horizontal and vertical extent of Site-related contaminants in groundwater;
   - Assess groundwater geochemistry and biological parameters; and
   - Assess aquifer hydrogeologic properties.

4. Background Metals Study
   - Determine the naturally occurring concentrations of metals in groundwater in the area of the Site.

5. Wetland Sediment, Surface Water and Pore Water Assessment
   - Assess the presence/absence of Site-related contaminants in sediment, pore water, and surface water in the wetland adjacent to the AOC G landfill; and
   - Assess the presence/absence of contaminants in stormwater/sediment runoff from the landfill surface.

2.0 Site History and Characteristics

2.1 Site History

The Site is an inactive, 11-acre landfill located at 6463 Thompson Road in Syracuse, New York (**Figure 1)**. It is part of a larger, 83-acre parcel ("the Parcel") that is located south of New York State Thruway Interchange 35 and southwest of Carrier Circle. The Parcel is bordered to the east by Thompson Road, to the northeast by a McDonalds Restaurant and a hotel, to the north by Sanders Creek, to the west by Court Street and commercial properties, and to the south by a commercial property used for tractor trailer parking. Carrier's approximately 13-acre asphalt-paved Thompson Road Parking Lot (TRPL) is located immediately east of the Site. Wetlands and open-water marshes cover the Parcel west and northwest of the Site.

Carrier began purchasing the land that now comprises the Parcel in 1947 and 1949 when the Syracuse Brick Corporation conveyed "parts of Military Lots 29 and 30" to the Carrier Corporation. Aerial photographs and topographic maps dating back to the 1930s evidence extensive trenching on the east side of the Site by Syracuse Brick Corporation, who operated brick kilns along the western side of the parcel and reportedly surface-mined clay from the parcel in east-west trenches, leaving portions of the parcel at an elevation approximately 10 feet lower than the Site itself. Neither a 1938 aerial photograph nor any of the test trenching completed during previous investigations by Clough Harbour Associates (CHA) and EnSafe provide any evidence that Syracuse Brick Corporation engaged in re-filling its trenches with waste materials.

In 1950, Carrier acquired "Lot 21" from Anna Quirk Sanders. Carrier sold a piece (P-15) of Military Lot 30 to Niagara Mohawk Power Company in 1952, being a portion of the premises described in the 1947 deed from Syracuse Brick Corporation to Carrier. In 1954, Carrier sold part or all of Parcels 30, 31, and 32 to Onondaga County. An industrial landfill was reportedly operated at the Site from the early 1940s until approximately 1983. Practices during this period reportedly involved disposal of coal ash, concrete and asphalt debris, and some scrap metal, oils, solvents, and acids from Carrier.

2.2 Physical Setting

The Site currently presents as an uneven area overgrown with shrubbery and small to large trees. Scrap metal, concrete, coal ash, and asphalt debris are visible at the ground surface. Concrete and asphalt are most evident in the southwest portion of the Site. The adjacent wetlands and open-water marshes are approximately 8 to 10 feet lower in elevation than the average ground surface elevation of the Site.

2.2.1 Local Geology

According to the "*RCRA Facility Investigation Report, Carrier Corporation, Syracuse, New York"* (EnSafe, Revised 2002), the local bedrock near the Site consists primarily of Silurian-age carbonates and shales. The Vernon Shale Member of the Salina Group underlies the area. The Vernon Shale is red shale 600 to 800 ft. thick. The top of the bedrock onsite is approximately 40 to 60 ft. below ground surface (bgs).

Lake deposited silts and clayey silts are the predominant soils throughout the greater North Syracuse area. These silts are generally stiff to very stiff, dense, and brittle. The silts are brown to brownish gray and commonly contain iron staining and yellow-red mottling throughout. Fine-grained sands and

dense clays were frequently intermixed with the silts observed during drilling. These deposits are interpreted to represent lacustrine deposits.

2.2.2 Site Topography

The Site is located in the southeastern quadrant of the Parcel. The Site's highest point is located in its southwest quadrant, where the former landfill surface is approximately 412 feet above mean sea level (ASL). The surface of the Site is irregular, sloping southward toward adjacent level commercial property at approximately 406 feet ASL. The surface also slopes eastward to the TRPL located at 404 to 409 feet ASL between the Site and Thompson Road. The northern portion of the Site slopes northward to a terrace at approximately 405 feet ASL, from whence it slopes steeply to the Northern Wetland which abuts the Site at its northwest corner and is approximately 398.5 feet ASL.

As part of the former clay mining operation, the western half of the parcel was stripped of its original topsoil prior to the purchase of the land by Carrier in 1949/1950. The land surface slopes from approximately 398 feet ASL at the base of the fence line berm to 394 to 395 feet ASL at the western boundary of the parcel, beyond which the original land surface is found at approximately 398 feet ASL.

The northern part of the parcel has not been mined and the surface of the forested land varies from approximately 397 to 400 feet ASL. An original drainage swale (Northern Swale) seen on the 1898 USGS topographic map starts at the edge of the North Wetland at an elevation of approximately 399 feet ASL and drops gradually northward to Sanders Creek, where it encounters the creek floodplain at approximately 388 feet ASL. The bed of Sanders Creek is at approximately 379 to 380 feet ASL where the swale joins the creek.

2.2.3 Site Drainage

The highest point on the Site is in its southwestern quadrant; surface water from this area flows south to a swale located along the south property boundary where drainage is directed westward into the wetland-upland complex. Water from the Site is joined by drainage from the adjacent commercial property as it flows to the wetland-upland complex. Site drainage patterns are shown on **Figure 2-1**.

Surface water flowing from the eastern side of the Site is picked up by a swale between it and the TRPL, where it is directed northward to a wetland area (i.e., Northern Wetland). Surface water flowing off the northern half of the Site also flows into the Northern Wetland area.

Surface water flowing west off of the southern half of the Site is detained in the wetland-upland complex. The wetland-upland complex discharges to two wetlands (the Northern Wetland and Western Wetland) at several points. The Northern and Western Wetlands are broadly connected at the center of the parcel. Prior to 1988, aerial photography shows that the western half of the parcel was an upland area with an early-successional forest cover. After construction of a power line right of way (ROW) at the southwest corner of the parcel, flooding of the Western Wetland area occurred as seen in 1995 aerial photographs with dead trees evident in the ponded area. The dead trees indicate that the flooding of the area occurred several years before the photo was taken.

Surface water leaves the Western Wetland area at a low point of approximately 397 feet ASL in the southwest corner of the open water. Surface water enters an off-site ditch system that drains south along the western side of the power line ROW, through a marshy pond at 388.5 feet ASL and finally into the South Branch of Ley Creek at approximately 386 feet ASL.

If the water level in the Northern Wetland area reaches 399 feet ASL, it can cross the top threshold into the Northern Swale that flows to Sanders Creek. Although there is evidence of seepage into the Northern Swale, there is no evidence of flow in the upper reaches of the swale, indicating that the Northern Wetland rarely, if ever, flows northward to Sanders Creek. As water levels in the wetlands rise during the wet season, they discharge southward to the South Branch of Ley Creek before they reach the elevation of the Northern Swale to Sanders Creek.

Sampling of sediments within the Northern Swale and along several transects radiating from the north and western edges of the landfill area into the adjacent wetlands showed no evidence of contaminant migration from the landfill into the flow paths leading to Sanders Creek or South Branch of Ley Creek, as reported to NYSDEC in the *Wetland Delineation Data Summary/ Transmittal Report* (AECOM, November 2013).

2.2.4 Wetland Delineation

Characterization of the wetland area comprising the western portion of the parcel was performed during November 2013 and May 2014 as described in a memo entitled *AOC G Landfill Wetland Permitting* which was submitted to NYSDEC on July 17, 2014. The memo included a finalized wetland delineation map and copies of the field data sheets. The wetland features described in the July 2014 memo are shown on **Figure 2-2**, and summarized below:

- The wetland boundary line was started along the eastern edge of the Northern Swale that drains northward toward Sanders Creek from a ponded area at the north end of the Northern Wetland. The Northern Swale itself is considered a wetland, but its wetland boundary northward to Sanders Creek (including a feature referred to as the “Hotel Pond”) was not delineated.
- The wetland boundary extends southward from the Northern Swale along the edge of fill used to construct the TRPL, past a rip-rap drainage swale from the TRPL, and continues along the toe of the landfill slope approximately 1,000 feet to a point where historical earth moving activities (presumably clay mining) has left a complex of upland fill areas separated by low wetland/ponded areas.
- The wetlands-uplands complex was further delineated where it abuts the Western Wetlands of the Site. Identified on the map is a low point where a majority of the wetlands-uplands complex drains into the Western Wetland and a low upland peninsula comprised of discarded bricks.
- The wetland line continues south along the toe of the landfill slope across the complex of wetlands-uplands to the southwest corner of the Site, where it meets a drainage swale that drains the truck parking area on the adjacent property located south of the Site.

.

3.0 Remedial Investigation Methodology

The methodologies used to complete the RI tasks described in Section 1.1 are described below.

3.1 Sitewide Soil Investigation

A sitewide soil investigation was completed to characterize the nature and extent of Site-related contaminants in soil to the depth of landfilling activities. The sitewide soil investigation was comprised of a combination of surface and subsurface soil sampling.

3.1.1 Surface Soil Sampling

Surface soil samples were collected from 0 to 2 inches below the vegetative cover at 32 locations on a 100 foot by 100 foot grid as shown on **Figure 3-1** (SB-501 to SB-535, not numbered consecutively and offset from the previous EnSafe grid locations, as reported in the Final Thompson Road Parking Lot Phase II Investigation Report, August 2010). All surface soil samples were analyzed for SVOCs, PCBs, and target analyte list (TAL) metals, in accordance with DER-10 Technical Guidance. Samples were also collected from the interval of 0 to 6 inches bgs and analyzed for VOCs, plus 10 tentatively identified compounds (TICs).

3.1.2 Sitewide Soil Borings and Subsurface Soil Sampling

Sitewide soil borings were advanced and subsurface soil samples were collected in October and November 2014 from 32 direct push technology (DPT) soil borings completed to a maximum depth of 28 feet bgs on the 100 by 100 foot grid across the Site (**Figure 3-1**) described above (SB-501 – SB-535, not numbered consecutively).

During the November 2014 RI, a total of 105 soil borings were completed across the Site to a maximum depth of 28 feet bgs. Sitewide characterization of soil quality was conducted on a 100 foot by 100 foot grid at 32 locations denoted as SB-5xx, etc.

The soil borings were sampled from 0 to 6 inches (described above as surface soil samples), 0 to 4 feet, 4 to 8 feet, and 8 to 12 feet bgs. The 12 to 16 foot bgs interval was also sampled if field Photoionization Detector (PID) instrument readings detected the presence of ionizable compounds associated with that interval. In select cases, the sampler was advanced up to 28 feet bgs due to observed geologic conditions (i.e., did not encounter the clay layer) or potential contaminant conditions. The soil from these borings was analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs, PCBs, and TAL Metals.

All sitewide soil borings were logged by the field geologist to describe soil lithology and groundwater saturation conditions. Soil boring logs are included as **Appendix A**.

3.2 VOC Source Area Soil Sampling

A total of 72 soil borings were advanced using DPT on two separate 20 foot by 20 foot grids to delineate the extent of two VOC source areas detected during previous investigations – one in the northern portion of the Site and one in the southern portion (**Figure 3-1**). The northern grid was centered on existing monitoring well TR-06 and former test pit ETP-5. The southern grid was centered near former test pit ETP-12.

The 72 soil borings (DPT-601 – DPT-814, not numbered consecutively) were completed to a maximum depth of 28 feet bgs.

During the completion of soil borings in the northern VOC source area, the extent of contaminants detected in this area necessitated that the 20 foot by 20 foot sampling grid be expanded at greater lateral spacing to fully delineate the extent of contamination. Borings DPT-601 through DPT-678 and DPT-801 through DPT-814 were utilized to delineate the boundaries of the northern section of the landfill. Many of the borings in this grid were completed at approximately 20 feet bgs where sandy clay was encountered.

Soil borings completed in the southern VOC source area (DPT-679 through DPT-711) were sampled on average to 12 feet bgs, although two locations were sampled to 16 feet bgs due to observed potential contaminant conditions.

All VOC source area samples were analyzed for VOCs plus 10 TICs and PCBs as described in the RIWP. All VOC source area soil borings were logged by the field geologist to describe soil lithology and groundwater saturation conditions. Soil boring logs are included as **Appendix A**.

3.3 Groundwater Assessment

A total of 24 existing and two newly installed monitoring wells were sampled in December 2014 to assess the horizontal and vertical extent of Site-related contaminants in groundwater; evaluate groundwater geochemistry and biological parameters; and assess aquifer hydrogeologic properties.

3.3.1 Monitoring Well Installation

Two overburden monitoring wells were installed at the Site in November 2014 using mud rotary drilling technology. The two wells were logged by the field geologist for geologic, geotechnical, and hydrogeologic conditions. The wells were installed using 4-inch permanent casing grouted in place to approximately 30 feet. Well TR-28D was completed near the southern VOC source area at approximately 62 feet bgs upon contacting till, and TR-29D was completed near the southern VOC source area at approximately 66 feet bgs upon contacting till (**Figure 3-1**).

The two wells were constructed with two inch polyvinyl chloride (PVC) risers, 10 slot, two inch PVC screen, #0 quartz well sand filter pack annular material, bentonite annular seal, and cement-bentonite slurry to top of casing, and finished with a locking stand pipe. Well boring and installation logs are provided in **Appendix A**. Monitoring wells TR-28D and TR-29D were developed by the drilling subcontractor with two inline whale pumps until 10 well volumes were removed or the purge water became clear. All development water was drummed and sampled for waste characterization and disposal.

3.3.2 Groundwater Sampling

Groundwater sampling was completed in December 2014. A round of groundwater levels was taken prior to sampling using an interface probe to measure the depth to groundwater in 24 monitoring wells (TR-05, TR-06, TR-07, TR-08, TR-09D, TR-10, TR-11, TR-12, TR-13D, TR-14D, TR-15, TR-16, TR-17, TR-18, TR-19, TR-21, TR-22, TR-23, TR-24, TR-25D, TR-26D, TR-27D, TR-28D, and TR-29D).

After groundwater levels were obtained, wells were sampled for chemical and biological analyses. Groundwater samples from 18 wells were analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs and

PCBs (TR-05, TR-06, TR-09D, TR-15, TR-16, T -17, TR-18, TR-19, TR-20, TR-21, TR-22, TR-23, TR-24, TR-25D, TR-26D, TR-27D, TR-28D, and TR-29D). Groundwater samples from 26 wells were analyzed for total and dissolved TAL Metals (MW-09, MW-16D, TR-05, TR-06, TR-08, TR-09D, TR-10, TR-11, TR-12, TR-13D, TR-14D TR-15, TR-16, TR-17, TR-18, TR-19, TR-20, TR-21, TR-22, TR-23, TR-24, TR-25D, TR-26D, TR-27D, TR-28D, and TR-29D). Groundwater samples from 12 wells were analyzed for alkalinity, total organic carbon, sulfate, sulfide, chloride, nitrate, filtered iron and manganese, dissolved methane, ethane, and ethene, and carbon dioxide (TR-05, TR-09D, TR-15, TR-16, TR-17, TR-18, TR-19, TR-21, TR-24, TR-25D, TR-26D, and TR-29D). Also, groundwater samples from 12 wells were analyzed for the following biological indicators: BAV1 vinyl chloride reductase, benzyl succinate synthase, dehalococcoides, phenol hydroxylase, sulfate reducing bacteria, tceA reductase, toluene monooxygenase, and vinyl chloride reductase (TR-05, TR-09D, TR-15, TR-16, TR-17, TR-18, TR-19, TR-21, TR-24, TR-25D, TR-26D, and TR-29D).

All monitoring well samples were obtained using the United States Environmental Protection Agency (USEPA) low-flow sampling method and the protocol set forth in the Field Sampling Plan.

3.3.3 Slug Testing

Rising head slug tests were performed at eight shallow and four deep on-site monitoring wells to evaluate groundwater flow in the respective unconfined and confined aquifers beneath the Site. Groundwater flow within both aquifer units is believed to be primarily horizontal: in the shallow aquifer due to the underlying clay unit and in the deep confined aquifer due to the overlying clay and underlying till units.

The slug tests were performed by removing a known volume (slug) of water, thereby rapidly lowering the water level in each well and subsequently measuring the rising water level. Hydraulic conductivity was calculated for both aquifer units using the Bouwer and Rice (1976) method.

3.4 Background Metals Study

During the RI, shallow and deep groundwater monitoring wells in the Carrier facility east of Thompson Road, and monitoring wells within the TRPL upgradient of the landfill were sampled for total and dissolved metals to determine the naturally occurring concentrations of metals in groundwater.

Results of groundwater samples collected from monitoring well MW-09 at the Carrier facility and monitoring wells TR-08, TR-10, TR-11, and TR-12 within the TRPL were used to evaluate background metals concentration in the shallow water bearing zone. Results of groundwater samples collected from monitoring well MW-16D at the Carrier facility and monitoring wells TR-13D and TR-14D within the TRPL were used to evaluate background metals concentration in the deep water bearing zone.

3.5 Wetland Sediment, Surface Water and Pore Water Assessment

Sediment, surface water and pore water samples were collected at the site to assess the presence/absence of Site-related contaminants in sediment, pore water, and surface water in the wetland adjacent to the AOC G landfill; and to assess the presence/absence of contaminants in stormwater/sediment runoff from the landfill surface.

3.5.1 Sediment Sampling

During October and November 2014, 10 samples of surface sediment (BG-SD-01 to BG-SD-10) were collected from 0 to 6 inches bgs within a drainage swale along the TRPL and southwestern margin of the landfill adjacent to the wetland (**Figure 3-1**). All samples were analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs, PCBs, and TAL Metals.

In October 2014, four step-out sediment samples (F1-01 to F1-04) were also collected in the wetland to delineate the extent of PCBs in sediment in excess of the NYSDEC Class C criteria. As reported in *Wetland Delineation Data Summary/ Transmittal Report* (AECOM, November 2013), PCBs were found at sampling location F-1 in excess of the NYSDEC Class C criteria. The four step-out sediment sampling locations were placed on each of the four cardinal directions from sediment sample location F-1 (**Figure 3-1**). Sediment was collected at each of these locations from 0 to 6 inches, 6 to 12 inches, and 18 to 24 inches bgs. These 12 samples were only analyzed for PCBs.

3.5.2 Pore Water Sampling

Pore water samples from were collected in October 2014 from seven piezometers (A1, E1, F2, H1, I1, J1 and K1) installed in the wetland in November 2013 (**Figure 2-2**) to assess the presence or absence of Site-related contaminants in pore water in the wetland adjacent to the AOC G landfill. The water samples collected from the wetland piezometers were analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs, PCBs, and TAL Metals.

3.5.3 Surface Water Sampling

In October 2014, six surface water samples (A1, F2, H1, I1, J1 and K1) were collected from within the wetland at locations adjacent to the piezometers described above where surface water was present (**Figure 2-2**) to assess the presence/absence of Site-related contaminants in surface water in the wetland. The water samples collected from these locations were analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs, PCBs, and TAL Metals.

4.0 Results and Data Evaluation

4.1 Geology

Based on the observations and data collected from monitoring wells and soil borings, Site geology may be characterized by eight layers of overburden, including fill, interbedded sand, silt, and clay, with a basal till unit. The upper and lower water-bearing zones are separated by a 14 to 23 foot thick dense clay that is present across the Site, and was confirmed by soil borings during this and previous investigations. Based on the observations and data collected from the completion of soil borings and monitoring wells during this RI, the following lacustrine sediment sequence was observed:

1) From surface grade up to 2 feet bgs: Topsoil consisting of organic plant matter, medium-fine sand, silt. Average thickness 0.5 to 2 feet.
2) From 1 to 2 feet bgs to as deep as 15 feet bgs: A layer of fill across the landfilled area consisting of reworked coarse to fine sand, ash, sludge, slag, and brick. The thickness of the fill ranged from 1.5 to 10 feet.
3) From 2 to 3 feet bgs to as deep as 20 feet bgs: sandy silt with interbedded sand and clay layers, with little gravel; the thickness of this unit ranged from 2 to 12 feet. [Note: this native material is encountered at shallower depths where the fill layer is absent, and its bottom surface undulates slightly as well, contributing to the wide range in thickness reported].
4) From 16 feet bgs to as deep as 23 feet bgs: Fine sand; the thickness of this unit ranged from 1 to 5 feet.
5) From 16 to 33 feet bgs to as deep as 50 feet bgs: Sandy clay (average thickness of 2 to 4 feet), grading into soft, wet clay, with a thickness of 20 feet (this was encountered in deep borings for wells MW-28D and MW-29D).
6) From 50 feet to 60 feet bgs: Fine to medium sand.
7) From 60 feet to 66 feet bgs: Reddish, silty till.

Cross sections (shown on **Figures 4-1 and 4-2**) were drawn using soil boring log information. The thickness of landfilled material was observed to vary from 1.5 to 10 feet across the Site, but was most typically 4 to 8 feet thick. At the center of the landfill between locations SB-518 and DPT-621 (shown on north-south, A-A', cross section **Figure 4-1)** and between DPT-630 and SB-508 (shown on west-east, B-B', cross section **Figure 4-2**), there are depressions in the sand/silt layer that appear to have been excavated and filled. The thickness of landfilled material along the southern boundary of the Site ranged from approximately 2 to 7 feet. The thickness and extent of landfilled material across the Site is shown on **Figure 4-3**.

4.2 Hydrogeology

Groundwater elevations from 16 shallow and 8 deep groundwater monitoring wells were used to evaluate groundwater elevation contours for both the shallow and deep water bearing zones. **Table 1** summarizes the groundwater elevations measured in December 2014. Shallow overburden groundwater generally flows toward the wetlands to the west of the landfill area with a relatively low gradient (approximately 2%, **Figure 4-4**). The deep overburden groundwater contours show a similar westerly flow pattern (**Figure 4-5**). The gradient in the deep groundwater flow zone is very low, less than 0.5%.

The hydraulic conductivity of the shallow aquifer was estimated using the results of the slug testing described in Section 3.1.6 and subsequent analysis. The hydraulic conductivity values for the

shallow unconfined aquifer ranged from 3.1 to 5.3x10-5 centimeters per second (cm/s, 32 to 55 feet per year) and for the deeper confined unit hydraulic conductivity was determined to be between 4.6 to 7.1 x 10-5 cm/s (48 and 73 feet per year). Groundwater flow velocity can be calculated using the following formula:

$v_\alpha = Ki/\eta$ (Fletcher and Driscoll, Groundwater and Wells, 1986)

Where:

v_α = groundwater flow velocity, feet per year

K = hydraulic conductivity, feet per year

i = gradient, percent

η = estimated porosity of 20% for the silty sand in the shallow and deep flow zones

At the gradients observed, groundwater flow velocity (v_α) in the shallow zone was estimated to range from between 3.2 and 5.5 feet per year, while the groundwater flow velocity in the deep zone was estimated to range from between 1.2 and 1.8 feet per year.

4.3 Laboratory Analytical

The following subsections present the results of chemical analyses of the various media (surface soils, subsurface soils, sediment, and groundwater) sampled during this RI. The major analyte categories (PCBs, VOCs, SVOCs, and TAL Metals) are discussed for each media. Validated analytical data is contained in the Data Usability Summary Reports included as **Appendix B**.

4.3.1 Surface Soil

Surface soil samples were collected at 32 locations for analyses of VOCs, SVOCs, PCBs, and TAL Metals. The results of these analyses are compared below to 6 NYCRR Subpart 375-6 SCOs for Unrestricted, Commercial and Industrial use.

4.3.1.1 Volatile Organic Compounds

The analytes most frequently detected above their respective Unrestricted Use SCOs are summarized in the following table:

Surface Soil – VOC Concentration and Occurrence (Unrestricted Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
CIS-1,2-DICHLOROETHYLENE	250	2	536	SB-511
M,P-XYLENE (SUM OF ISOMERS)	260	2	496	SB-519
TRICHLOROETHYLENE	470	8	40000	SB-515

The lateral distribution of surface soil exceeding VOC SCOs is depicted in **Figure 4-6** and is generally a result of the distribution of the eight TCE exceedances of the Unrestricted SCO which occurs along an east-west arc at the center of the landfill (i.e., running between the two previously identified source areas). It is noted that cis-1,2-DCE (a daughter product of TCE) is also detected above the Unrestricted Use SCO.

No surface soil samples contained VOCs in excess of the Commercial or Industrial Use SCOs.

Comprehensive results for VOCs in all surface soil samples and the respective SCOs are provided in **Table 2**.

4.3.1.2 Semi-Volatile Organic Compounds

The analytes most frequently detected above their respective Unrestricted, Commercial and Industrial Use SCOs are summarized in the following tables:

Surface Soil – SVOC Concentration and Occurrence (Unrestricted Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
BENZO(A)ANTHRACENE	1000	6	6300	SB-518
BENZO(A)PYRENE	1000	6	5540	SB-535
BENZO(B)FLUORANTHENE	1000	6	4960	SB-518
BENZO(K)FLUORANTHENE	800	6	3890	SB-535
CHRYSENE	1000	6	6250	SB-535
DIBENZ(A,H)ANTHRACENE	330	5	1360	SB-505
INDENO(1,2,3-C,D)PYRENE	500	7	4060	SB-535

Surface Soil –– SVOC Concentration and Occurrence (Commercial SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
BENZO(A)ANTHRACENE	5600	2	6300	SB-518
BENZO(A)PYRENE	1000	6	5540	SB-535
DIBENZ(A,H)ANTHRACENE	560	4	1360	SB-505

Surface Soil – SVOC Concentration and Occurrence (Industrial SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
BENZO(A)PYRENE	1100	6	5540	SB-535
DIBENZ(A,H)ANTHRACENE	1100	3	1360	SB-505

Six samples exceeded at least one of the Commercial Use SCOs, and six samples reported SVOC concentrations exceeding at least one Industrial Use SCO. The lateral distribution of surface soil exceeding SVOC SCOs is depicted in **Figure 4-7** and occurs along an east-west band through the middle of the landfill and then extends to the north along the east side of the landfill. An isolated exceedance of the Commercial and Industrial Use SCOs was detected in the southeast corner of the landfill.

Comprehensive results for SVOCs in all surface soil samples and the respective SCOs are provided in **Table 3**.

4.3.1.3 Polychlorinated Biphenyls

The sum of PCB Aroclors detected above the Unrestricted and Commercial Use SCO is summarized in the following table:

Surface Soil – PCB Concentration and Occurrence (Unrestricted and Commercial Use SCO)

Chemical Name	SCO	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
Total PCB	Unrestricted Use	100	29	17900	SB-518
Total PCB	Commercial Use	1000	16	17900	SB-518

The lateral distribution of surface soil exceeding the PCB SCOs is depicted in **Figure 4-8**. The distribution of PCBs in surface soil appears to be generally more widespread than VOCs and SVOCs, and nearly covers the entire landfill area except for the eastern extent of the landfill area.

Comprehensive results for PCBs in surface soil samples and the respective SCOs are provided in **Table 2**.

4.3.1.4 Metals

The analytes most frequently detected above their respective Unrestricted, Commercial and Industrial Use SCOs are summarized in the following tables:

Surface Soil – TAL Metals Concentration and Occurrence (Unrestricted SCO)

Chemical Name	Action Level (µg/kg)	Exceedances	Max Detected Concentration (µg/kg)	ID for Max Concentration
ARSENIC	13	11	37.2	SB-515
CHROMIUM, TOTAL	30	9	143	SB-519
COPPER	30	22	925	SB-516
MERCURY	0.18	17	1.3	SB-516
NICKEL	30	9	128	SB-518

Surface Soil – TAL Metals Concentration and Occurrence (Commercial SCO)

Chemical Name	Action Level (µg/kg)	Exceedances	Max Detected Concentration (µg/kg)	ID for Max Concentration
ARSENIC	16	7	37.2	SB-515
COPPER	270	2	925	SB-516

Surface Soil – TAL Metals Concentration and Occurrence (Industrial SCO)

Chemical Name	Action Level (µg/kg)	Exceedances	Max Detected Concentration (µg/kg)	ID for Max Concentration
ARSENIC	16	7	37.2	SB-515

The lateral distribution of TAL Metals in surface soil is depicted in **Figure 4-9** and appears to be generally more widespread than both VOCs and SVOCs.

Comprehensive results for TAL Metals in surface soils samples and their respective SOCs are provided in **Table 4**.

4.3.2 Subsurface Soil

Subsurface soil samples were collected at various depths in accordance with the RIWP for analysis of VOCs, SVOCs, PCBs and TAL Metals. These parameters were detected in soils at various depths down to 28 feet bgs. The results of these analyses are compared below to 6 NYCRR Subpart 375-6 SCOs for Unrestricted, Commercial and Industrial use.

4.3.2.1 Volatile Organic Compounds

The analytes most frequently detected above their respective Unrestricted, Commercial and Industrial Use SCOs are summarized in the following tables:

Subsurface Soil –VOC Concentration and Occurrence (Unrestricted Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
1,2,4-TRIMETHYLBENZENE	3600	35	996000	DPT-700 (8-12)
1,2-DICHLOROBENZENE	1100	39	42900	DPT-637 (8-12)
CIS-1,2-DICHLOROETHYLENE	250	164	902000	DPT-627 (12-16)
ETHYLBENZENE	1000	49	1100000	DPT-700 (8-12)
M,P-XYLENE (SUM OF ISOMERS)	260	89	3020000	DPT-700 (8-12)
TOLUENE	700	94	1030000	DPT-700 (8-12)
TRANS-1,2-DICHLOROETHENE	190	44	12800	DPT-637 (4-8)
TRICHLOROETHYLENE	470	143	1900000	DPT-629 (16-20)
VINYL CHLORIDE	20	51	36100	DPT-627 (12-16)

Subsurface Soil –VOC Concentration and Occurrence (Commercial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
1,2,4-TRIMETHYLBENZENE	190000	1	996000	DPT-700 (8-12)
1,3,5-TRIMETHYLBENZENE	190000	1	399000	DPT-700 (8-12)
CIS-1,2-DICHLOROETHYLENE	500000	1	902000	DPT-627 (12-16)
ETHYLBENZENE	390000	1	1100000	DPT-700 (8-12)
M,P-XYLENE (SUM OF ISOMERS)	500000	1	3020000	DPT-700 (8-12)
TOLUENE	500000	1	1030000	DPT-700 (8-12)
TRICHLOROETHYLENE	200000	4	1900000	DPT-629 (16-20)
VINYL CHLORIDE	13000	3	36100	DPT-627 (12-16)

Subsurface Soil –VOC Concentration and Occurrence (Industrial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
1,2,4-TRIMETHYLBENZENE	380000	1	996000	DPT-700 (8-12)
1,3,5-TRIMETHYLBENZENE	380000	1	399000	DPT-700 (8-12)
ETHYLBENZENE	780000	1	1100000	DPT-700 (8-12)
M,P-XYLENE (SUM OF ISOMERS)	1000000	1	3020000	DPT-700 (8-12)
TOLUENE	1000000	1	1030000	DPT-700 (8-12)
TRICHLOROETHYLENE	400000	2	1900000	DPT-629 (16-20)
VINYL CHLORIDE	27000	1	36100	DPT-627 (12-16)

The maximum VOC detections were observed in sample locations at DPT-627 (12 to 16 feet bgs), DPT-629 (16 to 20 feet bgs), DPT-637 (4 to 8 feet bgs) and DPT-700 (8 to 12 feet bgs). The lateral

distribution of subsurface soils exceeding VOC SCOs is depicted in **Figure 4-10**. The aerial extent of locations exceeding the Unrestricted Use SCO covers nearly the entire extent of the northern half of the landfill area and diminishes in the southern half of the landfill area. The vicinity of the southern source area did not exhibit extensive exceedances of the Unrestricted Use SCO. Areas exceeding the Commercial and Industrial Use SCOs are limited and located in the vicinity of the northern and southern VOC source areas.

The vertical extent of VOC exceedances of Unrestricted, Commercial and Industrial Use SCOs along cross sections A to A' and B to B' are shown on **Figurers 4-11 and 4-12**, respectively. The apparent vertical extent of VOC exceedances extends to approximately 25 ft. bgs. in the vicinity of the northern source area, but only 10 to 15 feet bgs across the middle and southern part of the landfill area.

Comprehensive results for VOCs in all subsurface soil samples and the respective SCOs are presented in **Table 2**.

4.3.2.2 Semi-Volatile Organic Compounds

The analytes most frequently detected above their respective Unrestricted, Commercial and Industrial Use SCOs are summarized in the following tables:

Subsurface Soil –SVOC Concentration and Occurrence (Unrestricted Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
BENZO(A)ANTHRACENE	1000	22	39500	SB-507 (4-8)
BENZO(A)PYRENE	1000	22	36500	SB-507 (4-8)
BENZO(B)FLUORANTHENE	1000	22	32700	SB-507 (4-8)
BENZO(K)FLUORANTHENE	800	22	27200	SB-507 (4-8)
CHRYSENE	1000	22	40200	SB-507 (4-8)
DIBENZ(A,H)ANTHRACENE	330	22	9520	SB-507 (4-8)
INDENO(1,2,3-C,D)PYRENE	500	24	23700	SB-507 (4-8)

Subsurface Soil –SVOC Concentration and Occurrence (Commercial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
BENZO(A)ANTHRACENE	5600	9	39500	SB-507 (4-8)
BENZO(A)PYRENE	1000	22	36500	SB-507 (4-8)
BENZO(B)FLUORANTHENE	5600	9	32700	SB-507 (4-8)
DIBENZ(A,H)ANTHRACENE	560	16	9520	SB-507 (4-8)
INDENO(1,2,3-C,D)PYRENE	5600	8	23700	SB-507 (4-8)

Subsurface Soil –SVOC Concentration and Occurrence (Industrial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
BENZO(A)PYRENE	1100	22	36500	SB-507 (4-8)

All maximum detections of SVOCs occurred within the interval of 4 to 8 feet bgs of soil boring SB-507. The lateral distribution of subsurface soil exceeding the SVOC SCOs is depicted in **Figure 4-13**. This lateral distribution of SVOC is slightly smaller in areal extent compared to VOCs, with the exception of the northeast corner and south side of the landfill area.

Comprehensive results for SVOCs in all subsurface soil samples and the respective SCOs are provided in **Table 3**.

4.3.2.3 Polychlorinated Biphenyls

The sum of PCB Aroclors as well as individual Aroclors found in excess of the Unrestricted, Commercial and Industrial Use SCO are summarized in the following tables:

Subsurface Soil –PCB Concentration and Occurrence (Unrestricted Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
Total PCBs	100	225	258000	DPT-629 (0.5-4)
PCB-1248 (AROCLOR 1248)	100	1	143	DPT-690 (0.5-4)
PCB-1254 (AROCLOR 1254)	100	107	79300	DPT-629 (0.5-4)
PCB-1260 (AROCLOR 1260)	100	213	179000	DPT-629 (0.5-4)

Subsurface Soil –PCB Concentration and Occurrence (Commercial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
Total PCBs	1000	128	258000	DPT-629 (0.5-4)
PCB-1254 (AROCLOR 1254)	1000	55	79300	DPT-629 (0.5-4)
PCB-1260 (AROCLOR 1260)	1000	119	179000	DPT-629 (0.5-4)

Subsurface Soil –PCB Concentration and Occurrence (Industrial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
Total PCBs	25000	18	258000	DPT-629 (0.5-4)
PCB-1254 (AROCLOR 1254)	25000	3	79300	DPT-629 (0.5-4)
PCB-1260 (AROCLOR 1260)	25000	12	179000	DPT-629 (0.5-4)

The lateral distribution of subsurface soils exceeding PCB SCOs is depicted in **Figure 4-14**. The aerial extent of locations exceeding Unrestricted Use SCO covers nearly the entire extent of the landfill area. The areas exceeding the Commercial Use SCO are marginally smaller than the Unrestricted Use SCO. Areas exceeding the Industrial Use SCO include samples collected from the vicinity of the northern source area, two broader areas within the center portion of the landfill area

and an area in the southwestern portion of the landfill area. Three areas are observed to exceed 50 parts per million including the northern source area, an area in the center and the area in the southwestern corner of the landfill. In total, results from seven samples had Total PCBs in excess of 50 parts per million.

The vertical extent of PCB exceedances appear to extend to depth in more areas than depicted for VOCs and typically exceed at least the Commercial Use SCO as shown along cross section A to A' and B to B' (**Figures 4-15 and 4-15**, respectively). Similar to the vertical distribution of VOCs, the apparent vertical extent of PCB exceedances extends to approximately 25 ft. bgs. in the northern middle area of the landfill, but only 10 to 15 feet bgs across the middle and southern part of the landfill area.

Comprehensive results for PCBs in all subsurface samples collected in November of 2014 and the respective SCOs are presented in **Table 2**. PCB data collected previously by EnSafe is included in **Table 5**.

4.3.2.4 Metals

The analytes most frequently detected above their respective Unrestricted, Commercial and Industrial Use SCOs are summarized in the following tables:

Subsurface Soil –TAL Metal Concentration and Occurrence (Unrestricted Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
ARSENIC	13	23	47.9	SB-517 (0-4)
CHROMIUM, TOTAL	30	27	3620	SB-516 (0-4)
COPPER	30	33	1460	SB-523 (4-8)
LEAD	63	15	3700	SB-522 (4-8)
MERCURY	0.18	34	7.4	SB-507 (4-8)
NICKEL	30	32	1600	SB-516 (0-4)
ZINC	109	17	9200	SB-522 (4-8)

Subsurface Soil –TAL Metal Concentration and Occurrence (Commercial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
ARSENIC	16	15	47.9	SB-517 (0-4)

Subsurface Soil –TAL Metal Concentration and Occurrence (Industrial Use SCO)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
ARSENIC	16	15	47.9	SB-517 (0-4)

Comprehensive results for TAL Metals in all subsurface soil samples and the respective SCOs are provided in **Table 4**.

The lateral distribution of subsurface soils exceeding TAL Metals is depicted in **Figure 4-17**. Most of the landfill area appears to exceed one or more SCO with a significant portion of this area exceeding the Industrial Use SCO stretching from the southern VOC source area north to an area just west of the northern VOC source area.

4.3.3 Sediment

Surface sediment samples were collected from 0 to 6 inches bgs at 10 locations in a drainage swale along the TRPL and wetland margin (identified as BG-SD-XX). These samples were analyzed for VOCs, SVOCs, PCBs, and TAL Metals. In addition, four step-out samples were collected in the wetland 10 feet in each of the four cardinal compass directions from the November 2013 RI sediment sample location F-1. Each step-out was sampled at 0 to 6 inches, 6 to 12 inches, and 18 to 24 inches bgs and analyzed for PCBs to align with the original sediment samples at F-1. Results from all samples were compared to the NYSDEC Freshwater Sediment Guidance Values (*Screening and Assessment of Contaminated Sediment*, NYSDEC, June 2014).

4.3.3.1 Volatile and Semi-Volatile Organic Compounds

Sediment analytical results for VOCs and SVOCs from samples collected in 2014 from the drainage swale are presented in **Tables 6 and 7,** along with the results of the November 2013 RI sampling program**.**

Both VOC and SVOC data were compared to the NYSDEC Class A Freshwater Sediment Guidance Values. No detected VOCs or SVOCs exceeded their respective Class A sediment screening values, indicating no unacceptable risk to benthic organisms.

The results for samples collected in 2013 were previously reported in the *Wetland Delineation Data Summary/Transmittal Report* (AECOM, November 2013).

4.3.3.2 Polychlorinated Biphenyl

The analytes most frequently detected above the Class A and Class C Sediment Guidance Values are summarized in the following tables:

Sediment –PCB Concentration and Occurrence (Class A Sediment Guidance Value)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
Total PCB	100	11	17,500	F1-02 (0.5 -1)
PCB-1254 (AROCLOR 1254)	100	7	12,500	F1-02 (0.5 -1)
PCB-1260 (AROCLOR 1260)	100	10	4,950	F1-02 (0.5 -1)

Sediment –PCB Concentration and Occurrence (Class C Sediment Guidance Value)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
Total PCB	1000	4	17,500	F1-02 (0.5 -1)
PCB-1254 (AROCLOR 1254)	1000	4	12,500	F1-02 (0.5 -1)
PCB-1260 (AROCLOR 1260)	1000	2	4,950	F1-02 (0.5 -1)

Comprehensive results for PCBs in sediment samples and the Class A and C Sediment Guidance Values are provided in **Table 8**.

For samples collected in 2014, PCBs as Aroclor 1260 were detected above the Class A Sediment screening value at one location (BG-SD-01) in the parking lot drainage swale and three locations (BG-SD-06, BG-SD-07, and BG-SD-08) along the western landfill margin. PCBs as Aroclor 1254 were detected above the Class C screening value at BG-SD-09 at the western landfill margin south of location F-1.

For samples collected at step-out locations in the vicinity of F-1, PCBs as Aroclor 1260 and/or 1254 were detected above the Class A screening value in samples collected from 0 to 6 inches bgs at all four locations and from 6 to 12 inches bgs at F1-02, F1-03 and F1-04.

PCBs exceeded the Class C screening value in samples collected from 0 to 6 inches bgs at F1-01 and F1-03 and from 6 to 12 inches bgs at F1-02.

For the interval of 18 to 24 inches bgs, no step-out locations exhibited a Class A PCB exceedance.

After normalizing the PCB data for Total Organic Carbon (TOC) content, only one of the 2014 PCB detections exceeded the Total Organic Carbon (TOC)-normalized screening value of 1.0 Toxicity Units: F1-02 (6 to 12 inches). The TOC-normalized concentration at this location results in a Hazard Quotient of 1.23 Toxicity Units.

4.3.3.3 Metals

The analytes most frequently detected above the Class A and Class C Sediment Guidance Values are summarized in the following tables:

Sediment – TAL Metals Concentration and Occurrence (Class A Sediment Guidance Value)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
ARSENIC	10	3	39.2	BG-SD-8 (0.0-0.5)
CADMIUM	1	5	4.3	BG-SD-8 (0.0-0.5)
COPPER	32	4	60.1	BG-SD-6 (0.0-0.5)
LEAD	36	3	159	BG-SD-1 (0.0-0.5)
MERCURY	0.2	2	0.32	BG-SD-9 (0.0-0.5)
NICKEL	23	4	1630	BG-SD-8 (0.0-0.5)
ZINC	120	7	269	BG-SD-4 (0.0-0.5)

Sediment – TAL Metals Concentration and Occurrence (Class C Sediment Guidance Value)

Chemical Name	Action Level (µg/kg)	Number of Exceedances	Max Detected Concentration (µg/kg)	Location of Maximum
ARSENIC	33	1	39.2	BG-SD-8 (0.0-0.5)
LEAD	130	1	159	BG-SD-1 (0.0-0.5)
NICKEL	49	2	1630	BG-SD-8 (0.0-0.5)

The fall 2014 RI analytical results for metals are presented in **Table 9**, where they are compared to NYSDEC Class A Freshwater Sediment Guidance Values. Nine of the detected metals have NYSDEC sediment guidance values. One of the samples from the parking lot swale (BG-SD-1) exceeded the sediment guidance values for lead at a concentration above the Class C sediment guidance value. Two of the samples from the western landfill margin have metals detections

exceeding the Class C sediment guidance values: BG-SD-8 exceeds for arsenic and nickel while BG-SD-9 exceeds only for nickel.

4.3.4 Groundwater

A complete round of groundwater samples were collected from 24 on-Site and two off-Site wells for analysis. Groundwater samples were analyzed for the following parameters: 18 groundwater samples were analyzed for VOCs, SVOCs and PCBs; 24 groundwater samples were analyzed for TAL Metals, and Natural Attenuation parameters; and six groundwater samples were analyzed for the presence of microbial populations. The results of these analyses are compared below to the New York State Ambient Water Quality Standard and Guidance Values (AWQS) compiled in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) Memo 1.1.1.

4.3.4.1 Volatile Organic Compounds

The analytes most frequently detected above their respective AWQS are summarized in the following table:

Groundwater – VOC Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
1,1-DICHLOROETHENE	5	5	2430	TR-15
1,2,4-TRIMETHYLBENZENE	5	3	137	TR-22
1,2-DICHLOROBENZENE	3	4	258	TR-06
1,3,5-TRIMETHYLBENZENE	5	3	40	TR-22
1,4-DICHLOROBENZENE	3	3	171	TR-06
BENZENE	1	5	43.8	TR-15
CIS-1,2-DICHLOROETHYLENE	5	8	792000	TR-15
ETHYLBENZENE	5	3	261	TR-22
TOLUENE	5	3	14600	TR-15
TRANS-1,2-DICHLOROETHENE	5	6	509	TR-15
TRICHLOROETHYLENE	5	7	692000	TR-15
VINYL CHLORIDE	2	6	36900	TR-19

As with subsurface soils, chlorinated aliphatics including cis-1,2-DCE, TCE, and VC were among the contaminants with the highest occurrence and the greatest number of exceedance of their respective standard. With exception of VC, these concentrations were observed in the sample from TR-15, which appears to be closest to the center of the northern source area. It is noted that the base of TR-19 (the well exhibiting the maximum VC concentration) extends to an elevation of approximately 386.92 feet ASL (the second deepest shallow zone monitoring well sampled), which may encounter the underlying fine to medium laterally continuous sand layer occurring above the underlying confining clay. As such, it is possible that groundwater contamination has reached the base of the shallow water bearing zone. The benzene, toluene, ethylbenzene and xylene (BTEX) chemical grouping also exhibited several exceedances of their respective AWQS standards. The exceedances for BETX were observed from samples from TR-15 (benzene and toluene), TR-22 (ethylbenzene and m,p-xylene) and TR-06 (o-xylene). Isoconcentrations for total VOCs in shallow groundwater are represented on **Figure 4-18**.

Although not reported in the summary table above, TR-29D was the only deep monitoring well to report a concentration of VOCs in excess of the AWQS. Comprehensive results for VOCs in all groundwater samples and the respective AWQC standard are presented in **Table 10**.

4.3.4.2 Semi-Volatile Organic Compounds

SVOCs were not detected above the respective AWQS for groundwater. Comprehensive results for SVOCs in all groundwater samples and their respective AWQS values are presented in **Table 11**.

4.3.4.3 Polychlorinated Biphenyl

The PCB Aroclor 1254 was detected in TR-06 at a concentration of 0.35 micrograms per liter (µg/L) (J-value), which exceeded the AWQS (0.09 µg/L) for total PCBs. No other wells reported detectable PCBs during the fall 2014 RI sampling event. Groundwater analytical results for PCBs are presented in **Table 11**.

4.3.4.4 TAL Metals

Analytes most frequently detected above their respective AWQS are summarized in the following tables for dissolved and total TAL Metals:

Groundwater – Dissolved TAL Metals Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
ARSENIC	25	3	38	TR-27D
IRON	300	19	64600	TR-20
MAGNESIUM	35000	16	137000	TR-20
MANGANESE	300	12	3580	TR-15
NICKEL	100	3	250	TR-06
SODIUM	20000	20	370000	TR-12
THALLIUM	0.5	6	2.3	TR-28D

Groundwater – Total TAL Metals Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
ARSENIC	25	4	301	TR-20
IRON	300	24	1040000	TR-20
MAGNESIUM	35000	15	1660000	TR-20
MANGANESE	300	15	23700	TR-20
NICKEL	100	3	1360	TR-20
SODIUM	20000	19	372000	TR-12

Groundwater was analyzed for total and dissolved metals for all Site wells including the two newly installed deep wells and two up gradient, background wells (MW-09 and MW-16D).

The AWQS standards for iron, magnesium and sodium were commonly exceeded in the Site wells. Manganese was also frequently exceeded. As noted in the table, samples from TR-20 reported maximum exceedances of several metals. Thirteen of the dissolved metals analyzed in the sample

from TR-20 exceeded its respective AWQS, a notably higher number than the sample results from other wells.

Comprehensive results for dissolved and total TAL Metals in all groundwater samples and the respective AWQS standard are provided in **Table 12**.

4.3.5 Pore Water

Pore water samples from were collected from seven piezometers (A1, E1, F2, H1, I1, J1 and K1) installed in the wetland in November 2013 (**Figure 2-2**) to assess the presence or absence of Site-related contaminants in pore water in the wetland adjacent to the AOC G landfill. The water samples collected from the wetland piezometers were analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs, PCBs, and TAL Metals. The results of these analyses are compared below to the AWQS compiled in the NYSDEC Division of Water TOGS Memo 1.1.1.

4.3.5.1 Volatile Organic Compounds

The analytes most frequently detected above their respective AWQS are summarized in the following table:

Pore Water – VOC Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
1,1,1-TRICHLOROETHANE	5	1	5.5	E1
1,1-DICHLOROETHANE	5	1	27.6	E1
CIS-1,2-DICHLOROETHYLENE	5	2	174	E1
TRICHLOROETHYLENE	5	1	13.9	E1
VINYL CHLORIDE	2	1	5.6	F2

VOCs were detected in pore water at concentrations exceeding the AWQS in two of the piezometers: E1 and F2. These locations are located in the inferred down gradient direction from the northern source area groundwater plume. Comprehensive results for VOCs in all pore water samples and the respective AWQS standard are presented in **Table 10**.

4.3.5.2 Semi-Volatile Organic Compounds

Comprehensive results for SVOCs in pore water samples are provided in **Table 11**. No detectable concentrations of SVOCs were reported in the pore water samples.

4.3.5.3 Polychlorinated Biphenyls

Comprehensive results for PCBs in pore water samples are provided in **Table 11**. No detectable concentrations of PCBs were reported in pore water samples.

4.3.5.4 Metals

The analytes most frequently detected above their respective AWQS are summarized in the following tables for dissolved and total TAL Metals:

Pore Water – Dissolved TAL Metals Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
IRON	300	5	18000	H1
MANGANESE	300	4	5200	I1
SODIUM	20000	5	80600	J1

Pore Water – Total TAL Metals Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
IRON	300	7	16700	I1
MANGANESE	300	4	5400	I1
SODIUM	20000	6	151000	K1

Analyses of pore water collected from the piezometers reported detectable concentrations of metals. With exception to the sample collected at F2, all samples exceeded the AWQS standard for iron, manganese, and sodium.

Comprehensive results for dissolved and total TAL Metals in all pore water samples and their respective AWQS are provided in **Table 12**.

4.3.6 Surface Water

Six surface water samples (A1, F2, H1, I1, J1 and K1) were collected from within the wetland at locations adjacent to the piezometers described above where surface water was present (**Figure 2-2**) to assess the presence/absence of Site-related contaminants in surface water in the wetland. The water samples collected from these locations were analyzed for VOCs plus 10 TICs, SVOCs plus 20 TICs, PCBs, and TAL Metals. The results of these analyses are compared below to the AWQS compiled in the NYSDEC Division of Water TOGS Memo 1.1.1.

4.3.6.1 Volatile Organic Compounds

Comprehensive results for VOCs in surface water samples are provided in **Table 13**. No detectable concentrations of VOCs were reported in the pore water samples.

4.3.6.2 Semi-Volatile Organic Compounds

Comprehensive results for SVOCs in surface water samples are provided in **Table 14**. No detectable concentrations of SVOCs were reported in the pore water samples.

4.3.6.3 Polychlorinated Biphenyls

Comprehensive results for PCBs in surface water samples are provided in **Table 13**. No detectable concentrations of PCBs were reported in the pore water samples.

4.3.6.4 TAL Metals

The analytes most frequently detected above the respective AWQS standards are provided in the following tables for dissolved and total TAL Metals:

Surface Water – Dissolved TAL Metals Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
IRON	300	3	907	I1-SW
MANGANESE	300	2	1090	K1-SW
SODIUM	20000	1	22800	A1-SW

Surface Water – Total TAL Metals Concentration and Occurrence (AWQS)

Chemical Name	AWQS (µg/L)	Number of Exceedances	Max Detected Concentration (µg/L)	Location of Maximum
IRON	300	5	4180	I1-SW
MANGANESE	300	4	1360	K1-SW
SODIUM	20000	1	22300	A1-SW

Surface water samples were taken adjacent to piezometers located around the outside of the landfill in six separate locations. Like the pore water samples, there were exceedances of the AWQS in

both total and dissolved iron, manganese, and sodium; however, the magnitude and frequency of the exceedances were fewer.

Comprehensive results for dissolved and total TAL Metals in all surface water samples and their respective AWQS are provided in **Table 17**.

4.4 Natural Attenuation Evaluation

Groundwater at well locations throughout the site was analyzed for a wide variety of parameters and analytes to identify contaminant transformations that might be occurring in situ. Analytes and parameters collected and evaluated to identify potential contaminant transformations are listed in the following table:

Environmental Data Collected and Evaluated to Assess Contaminant Transformations Occurring as Part of Natural Attenuation

Potential COCs	Field Parameters	Conventional and Biological Activity Parameters	Microbiological (Genes)
58 VOCs	Temperature	Alkalinity, Total (As CaCO3)	BAV1 Vinyl Chloride Reductase
23 Dissolved Metals	pH	Carbon Dioxide	Benzyl Succinate Synthase
23 Total Metals	Specific Conductivity	Chloride (As Cl)	Dehalococcoides
	Dissolved Oxygen	Ethane	Phenol Hydroxylase
	Oxidation-Reduction Potential	Ethene	Sulfate Reducing Bacteria
	Turbidity	Iron (Dissolved)	tceA Reductase
		Manganese (Dissolved)	Toluene Monooxygenase
		Nitrogen, Nitrate-Nitrite	Vinyl Chloride Reductase
		Nitrogen, Nitrite	
		Sulfate (As SO4)	
		Sulfide	
		Total Organic Carbon	

Table 16 summarizes the conventional and biological activity parameters and microbiological (gene) analyses. **Table 17** summarizes the field parameters from all sampled groundwater monitoring wells.

Analytical results of VOCs and metals in groundwater are summarized in **Tables 10 and 12**, respectively. Site data indicates that natural attenuation of site COCs is occurring. Microbiological analysis of groundwater point to the attenuation mechanisms including microbiologically catalyzed destruction of benzene, toluene, ethylbenzene and xylene (BTEX), chlorinated benzenes, and other single ring aromatics, as well as chlorinated aliphatics. Geochemical parameters, quantitative polymerase chain reaction (qPCR) microbiological results, and other site data indicate that degradation occurs through both aerobic and anaerobic, metabolic and cometabolic pathways, with different pathways likely active at different locations and/or times throughout the site.

4.4.1 Evidence of Anaerobic Degradation

Anaerobic conditions (dissolved oxygen <1 mg/L) are present in locations where groundwater is impacted with site COCs, while oxygen is present in groundwater surrounding and outside the impacted area. This suggests that oxygen is being consumed within the impacted areas and is indicative of microbiological activity. Furthermore, the consumed oxygen is likely being utilized as an electron acceptor by bacteria, suggesting that site COCs are serving as the electron donors that drive the consumption of oxygen. Oxygen concentrations correlate well with Oxidation-Reduction Potential (ORP), with reducing conditions (defined as ORP <0 mV) observed in impacted groundwater, and oxidizing conditions observed outside the impacted area. Geochemical data indicating conditions are anaerobic and supportive of dechlorination are presented in the **Figure A**:

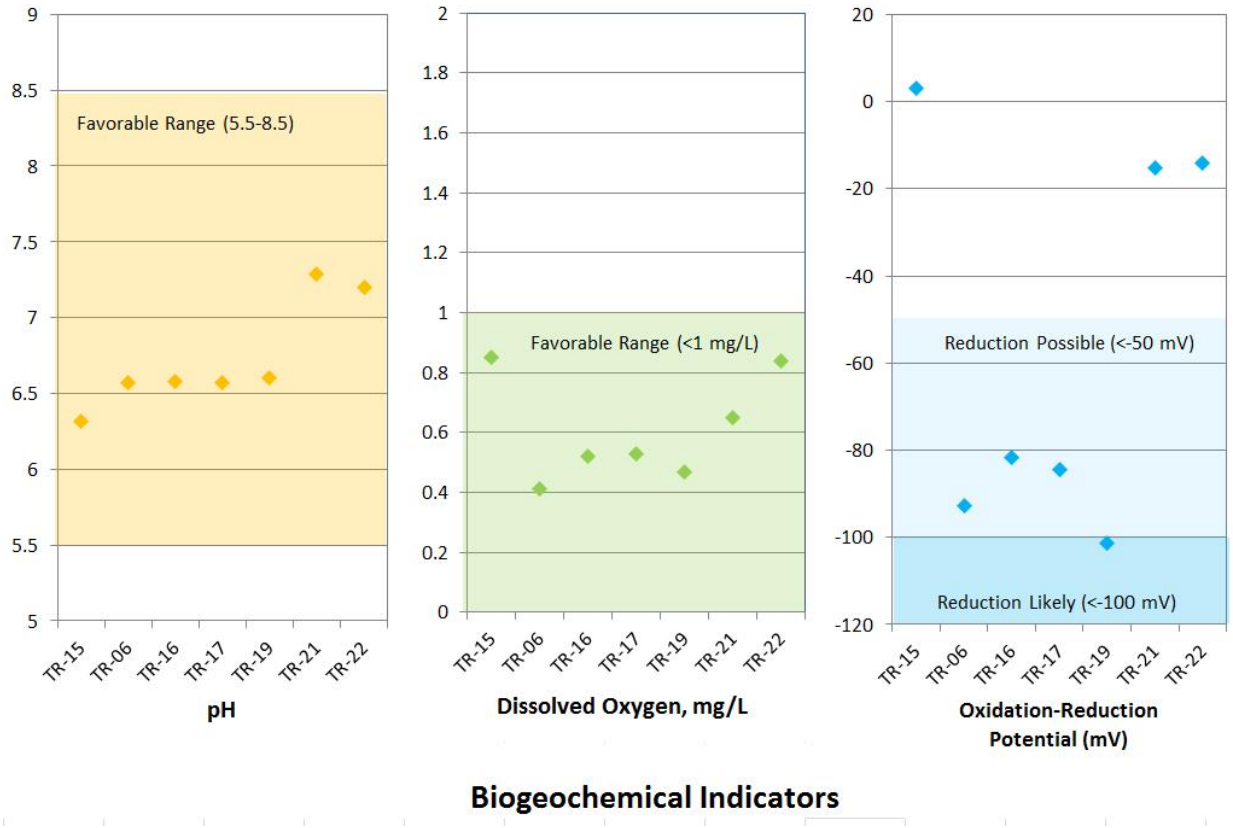


Figure A: Geochemical Conditions Indicative of a reductive Environment Favorable for Anaerobic COC Degradation

As mentioned, qPCR was utilized at the site. qPCR is a DNA amplification-based microbiological technology used to quantify the number of copies of a specific DNA sequence, or gene copies, present within an environmental sample. A wide variety of genes may be targeted for quantification by qPCR, including 16s ribosomal subunit genes, which can be used to identify and quantify bacterial groups or specific bacterial species present within the microbial community, or a known particular functional gene, which carries the information necessary for a bacterium to produce a specific enzymes of interest that is known to catalyze a specific COC transformation. Select wells at the site were analyzed for the following functional genes and microbial communities using qPCR:

- BAV1 Vinyl Chloride Reductase
- Benzyl Succinate Synthase
- *Dehalococcoides spp.*
- Phenol Hydroxylase
- Sulfate Reducing Bacteria
- tceA Reductase
- Toluene Monooxygenase
- Vinyl Chloride Reductase

qPCR results are reported as gene copies / mL, and should not be understood to mean cells / mL. Cells often contain more than one copy of a particular gene, particularly genes that encode a function essential to survival, a category that often overlaps with qPCR targets of interest, like 16s RNA genes, or functional genes that enable growth on site COCs. Additionally, the presence of a gene by qPCR analysis does not indicate if the gene is actively expressed or not at the time of sampling, but only indicative of the capability for it to be expressed. However, it is relatively uncommon to find elevated genes copy numbers in environmental samples of genes that are not currently or were not recently expressed.

Microbial groundwater results indicate that genes associated with anaerobic COC destruction are present in elevated concentration within the impacted areas. Key evidence includes elevated concentrations of Dehalococcoides spp. a bacterial consortium capable of metabolic dechlorination (sometimes referred to as dehalorespiration) of a wide variety of chlorinated compounds, including site COCs: PCE, TCE, and chlorinated benzenes. Specific functional genes known to enable complete PCE dechlorination to ethene were also observed within the impacted area. Functional genes observed include BAV1 vinyl chloride reductase, which is responsible for the final step in PCE dechlorination, converting VC to Ethene, and tceA Reductase, responsible for converting TCE to cDCE.

4.4.1.1 Dehalorespiration

The distribution of chlorinated aliphatics (PCE, TCE, DCE, and VC) and ethene provides an additional line of evidence that dehalorespiration activity is occurring at the site. The typical degradation pathway for chlorinated aliphatics is shown in **Figure B**. The presence of ethene was detected in the following wells: TR-15, TR-19, TR-21, and TR-16 (where elevated presence of Dehalococcoides and applicable functional genes were also observed). As shown in **Figure C**, ranking these site wells in order of distance downgradient from the location with the highest VOC concentrations (TR-15) and plotting the normalized molar ratios of PCE, TCE, and daughter degradation products at each location reveals a trend: the percentage of chlorinated aliphatics made up by daughter dechlorination products cDCE and VC increases with distance from the source, assumed to be TR-15 here.

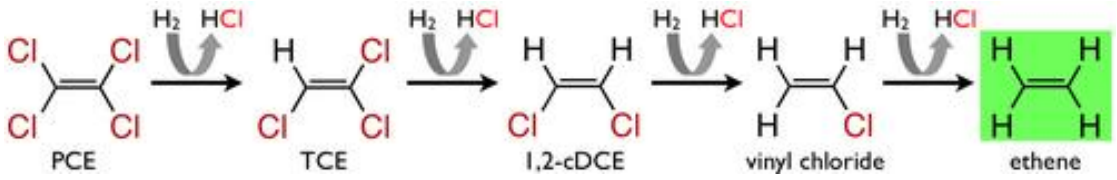


Figure B: Chlorinated Ethenes Dechlorination Pathway

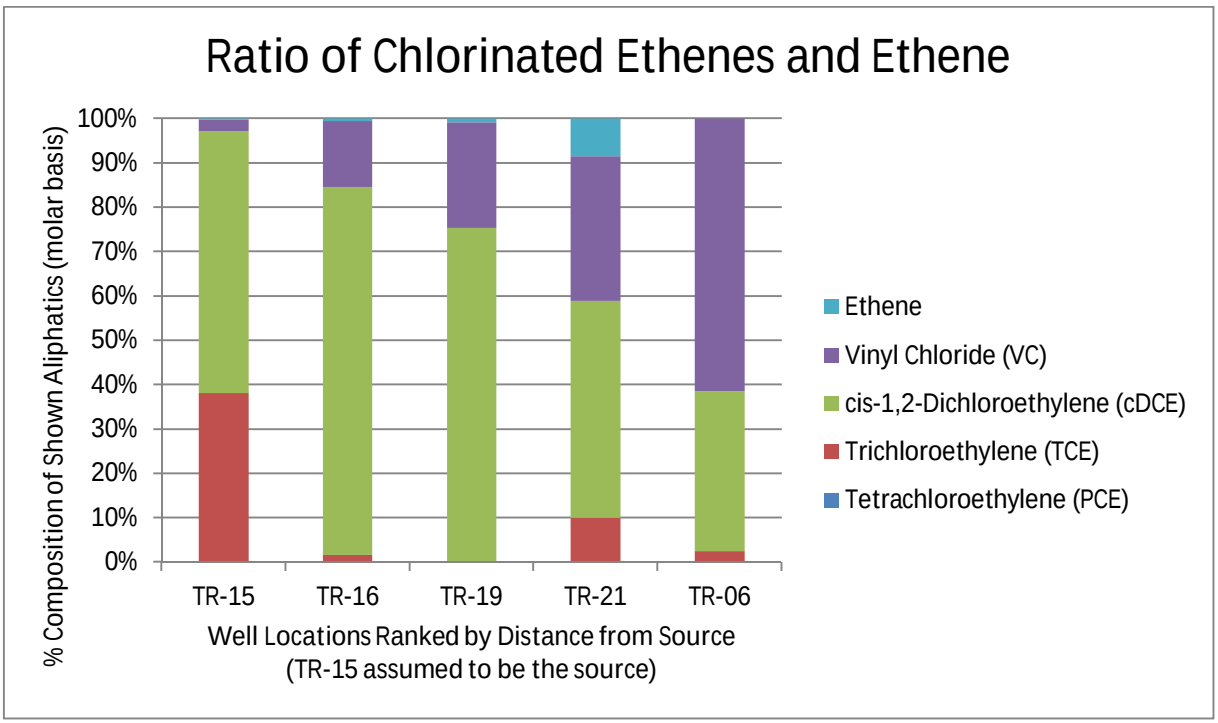


Figure C: Chlorinated Ethenes and Ethene Found at the Site

Similarly, evidence of metabolic dechlorination is seen in another class of chlorinated organics found at the Site—chlorinated benzenes. Chlorinated benzenes undergo a dechlorination process similar to chlorinated aliphatics, whereby under reducing conditions they serve as a metabolic terminal electron acceptors for anaerobic bacteria, including Dehalococcoides (**Figure D**). In this process, chlorines are sequentially removed from the aromatic backbone, resulting in the presence of transient, lesser chlorinated congeners before all the chlorines have been removed from compound and dechlorination has completed.

The geographic distribution of chlorinated benzenes differs from that of chlorinated aliphatics (perhaps indicating a different source). In December 2014, chlorinated benzenes significantly exceeding the AWQS were only detected in 3 locations: TR-06, TR-22, and TR-15. Additionally, there are the confounding factors that the final dechlorination product, benzene, is also a constituent of BTEX which is evident at the site, and that benzene also being consumed as it undergoes further natural biodegradation (as discussed next). Nevertheless, a trend of dechlorination daughter product enrichment is apparent when wells are ranked by total mass of chlorinated benzenes present (**Figure E**). The exception to the trend is location TR-16, where the low sum total of chlorinated benzenes and benzene may suggest that benzene is undergoing rapid biodegradation is it is consumed as an electron donor by the microbial community.

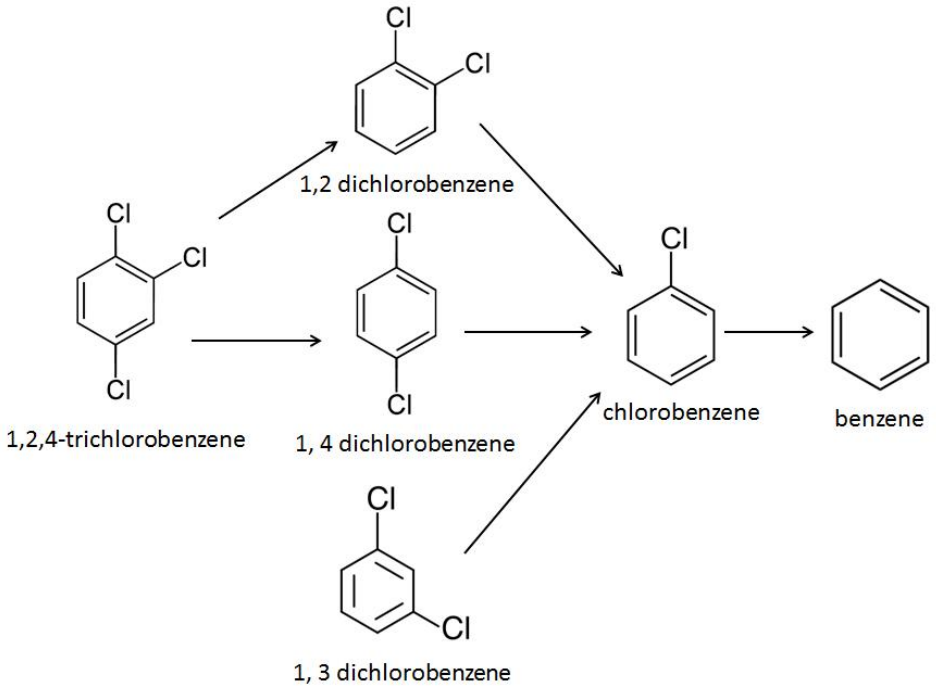


Figure D: Chlorinated Benzene Dechlorination Pathways

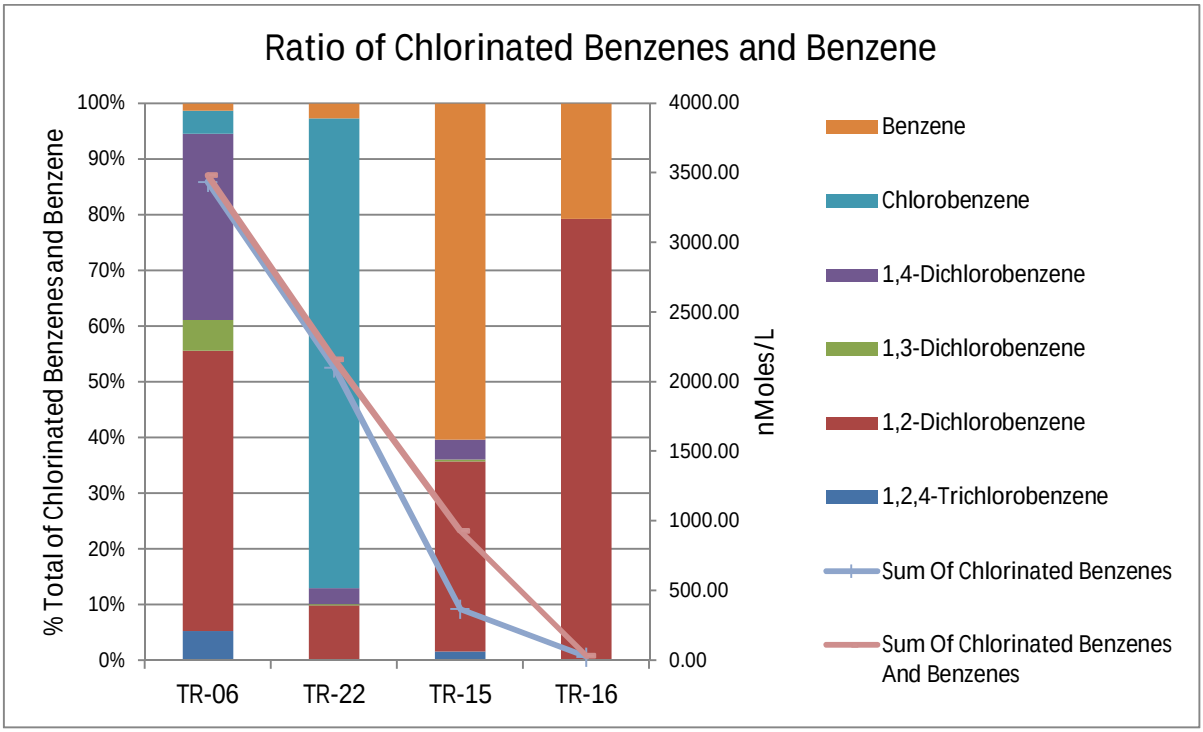


Figure E: Chlorinated Benzenes and Benzene at the Site

4.4.1.2 Catabolism of Aromatic Constituents

Single ring aromatics (BTEX and others) are known to naturally attenuate anaerobically in the presence of sulfate or another suitable electron acceptor, whereby the aromatic constituent is consumed as an electron donor and sulfate or another electron acceptor, such as a chlorinated compound, serves as an electron acceptor. Compared to dehalorespiration, the anaerobic biodegradation pathways for single ring aromatics are relatively less studied, with fewer known functional or 16s ribosomal genes that can consistently serve as environmental indicators of biodegradation. This is partially due to the very wide range of bacterial species exhibiting a similarly wide range of degradation pathways.

One of the functional genes known to be indicative of this anaerobic catabolic biodegradation activity is for Benzyl Succinate Synthase (BSS), the enzyme that is responsible for attaching fumurate to the methyl group of toluene. This reaction is the first step in a known pathway that results in toluene degradation, and involves an energy investment by the performing bacterium in order to enable the eventual dearomatization of the benzene ring. Benzylsuccinate synthase is a strictly anaerobic enzyme that is commonly produced by sulfate reducing bacteria performing degradation of toluene, xylenes, and potentially other alkyl-substituted aromatics.

Both sulfate reducing bacteria (SRB) and BSS were detected at 11 of the 12 locations sampled throughout the site, including all locations where VOCs were observed, as well as locations where no VOCs were detected, suggesting that VOCs may have previously been present at those locations but have recently naturally attenuated. While BSS was the only functional gene quantified, it is unlikely

to be the only anaerobic aromatic degradation catabolism gene present, but is instead understood to be indicative of the presence of a broad metabolic capability to anaerobically catabolize a wide range of alkyl-substituted single ring aromatic compounds.

Other site data supports the conclusion that anaerobic catabolism is occurring within the anaerobic zones of the plume. BTEX concentrations above the applicable AWQS were observed at 4 well locations, TR-15, TR-06, TR-22, and TR-19. Groundwater was analyzed for sulfate at two of the locations, and was found to be present at concentrations of approximately 60 mg/L SO4, indicating the environment is not electron acceptor limited and sufficient electron acceptor is present. Unlike degradation pathways that involve dechlorination, this pathway does not produce intermediate compounds that can be observed during environmental groundwater sampling to confirm the pathway activity. Consequently, degradation is primarily assessed through decreasing trends in constituent concentrations. A decreasing trend of total BTEX compounds is observed with increasing distance from TR-15 (**Figure F**), however, how much of the decreasing trend is a result of biodegradation, other abiotic attenuation, or physical mechanisms cannot be assessed.

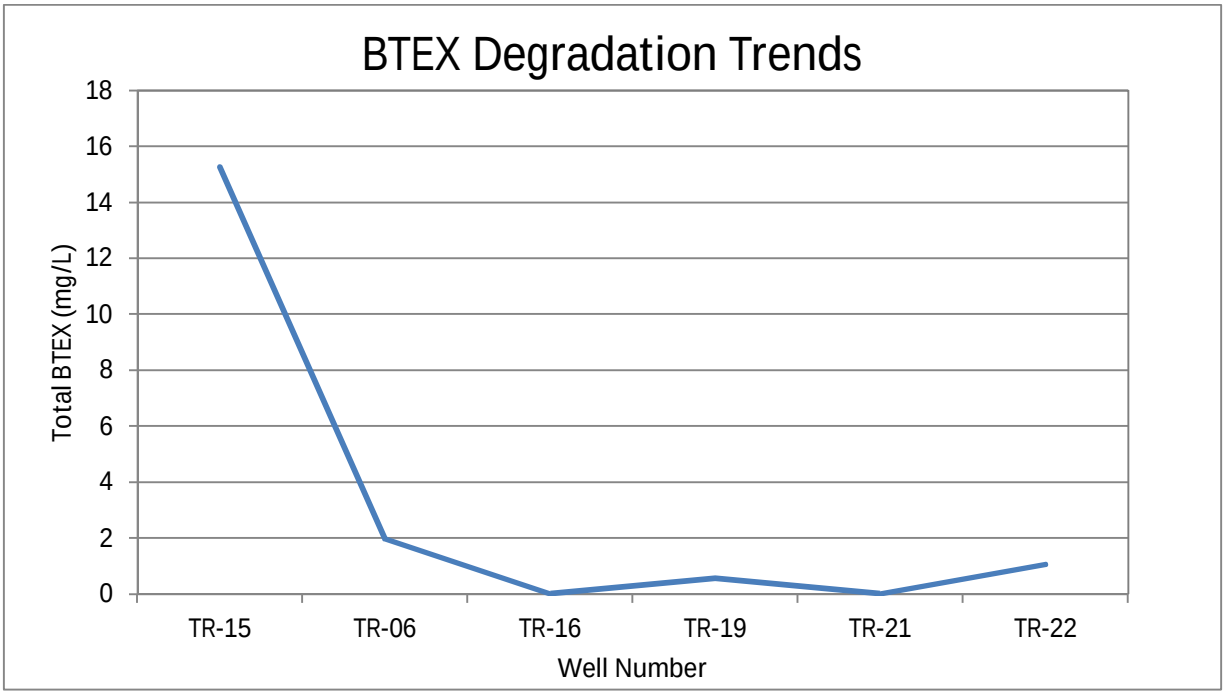


Figure F: BTEX Degradation Trend

4.4.2 Evidence of Aerobic Degradation

While anaerobic conditions are present within the impacted areas, well locations located outside the impacted areas are aerobic. Additionally, oxygen is continuously introduced to anaerobic areas with through both the influx of aerobic groundwater flowing with the hydraulic gradient, as wells as infiltrating precipitation into the shallow zones. The continued presence of anaerobic conditions within the impacted areas indicates that oxygen is actively consumed within the impacted areas.

Oxygen serves as a very potent electron acceptor in metabolic reactions, yielding significantly more energy per electron transferred than sulfate or other electron acceptors under environmental

conditions. For this reason, oxygen is often consumed first, before less favorable electron acceptors. Oxygen is known to stimulate catabolism (degradation) of a wide variety of site VOCs, including benzene, alkyl-substituted aromatics (toluene, xylene, ethylbenzene, etc.), as wells as some lightly chlorinated compounds, including chlorobenzene and dichlorobenzenes, vinyl chloride, and cis-dichloroethene.

The enzymatic machinery involved with performing aerobic catabolism is, in some cases, non-specific, meaning that a single enzyme can catalyze a reaction on a wide range of molecules, including reactions that yield no energy for the performing bacterium. Compounds that are degraded in this manner, due to non-specific enzymatic activity that yields no metabolic energy, are said to be degraded cometabolically. Under aerobic conditions certain oxidized compounds like TCE can only be degraded cometabolically, because they are too highly oxidized to yield energy when coupled with oxygen as an electron acceptor. Crucially, other compounds that do yield energy (e.g., BTEX, methane) must be comingled with the oxidized contaminant (TCE), in order to stimulate the expression of the non-specific enzymes responsible for the cometabolic activity.

Two enzymes associated with aerobic degradation of site COCs are Phenol Hydroxylase (PHE) and Toluene Monooxygense (TOL). Both PHE and TOL are enzymes that attach an oxygen atom on an aromatic ring, a reaction that enables eventual ring dearomatization and then complete mineralization of the aromatic compound. Due to the inherent stability of an aromatic ring, the creation of a strong free radical is required in order to catalyze this reaction, a free radical that is non-specific and known to also oxidize compounds that do not result in a net energy gain for the bacterium. TOL is known to enable this cometabolic degradation of TCE, DCE, VC, 1,1-DCE, and 1,1,1-TCA.

Microbiological data indicates that both metabolic and cometabolic degradation activity is occurring in areas where or when oxygen is present at the Site. Both TOL and PHE genes were observed at 11 of the 12 locations where microbial analysis of groundwater was conducted. Elevated concentrations of aerobic genes were also detected in locations where anaerobic conditions were observed, and collocated with genes associated with anaerobic degradation pathways. This indicates that at various times, the aerobic / anaerobic state of the impacted areas change, perhaps cycling during times of significant precipitation and infiltration, which significant oxygen is introduced.

4.4.3 Summary/Conclusions

Within the impacted area, there are elevated concentrations of TCE, BTEX, and other organic compounds. Generally, a reductive environment is present, where sulfate reduction occurs simultaneously with dechlorination of PCE, TCE, DCE, and DCB, in addition to BTEX reduction through benzyl succinate synthase using sulfate as an electron acceptor. There may be methane formation, but likely only in relatively small amounts due to the continued presence of sulfate. Towards the outskirts of the plume, and at transient time with infiltration of precipitation, the presence of oxygen enables the aerobic degradation of BTEX, chlorobenzene, and dichlorobenzene, as well as DCE and VC. There is evidence that at times or locations where/when aerobic conditions are present, cometabolism of TCE occurs as well.

4.5 Surveying

A topographic survey of AOC G and adjoining areas was performed by a New York State Licensed land surveyor:

- Topographic and planimetric features were mapped utilizing photogrammetric mapping techniques based on aerial photography obtained on November 16, 2013.

- Four established benchmarks and 16 survey points were used to provide physical control for the survey. A field edit was performed on January 3, 2014 to verify the accuracy and completeness of the photogrammetric mapping.
- The survey is referenced to the North American Datum of 1983, 2011 adjustment (NAD83/2011) and projected on the New York State Plane Coordinate System and vertically to the North American Vertical Datum of 1988 (NAVD88-Geoid 09).

This survey was used as the basis for the attached figures.

4.6 Data Usability

All laboratory data collected during the 2014 RI was sent to an independent third party chemist to verify its validity and usability. The data validator's Data Usability Summary Reports, included as **Appendix B**, state that the data packages were considered acceptable for the intended purpose and that all data was considered usable, except for several samples for which several VOC compounds were rejected due to low internal standard recoveries, one sample for which acid-extractable SVOC results were rejected due to low surrogate recovery, three samples for which 2,4-dinitrophenol was rejected due to low matrix spike/matrix spike duplicate (MS/MSD) recoveries, and one sample for which a base neutral extractable compound, 3,3'–Dichlorobenzidine, was rejected due to low MSD recovery.

Although considered usable, the validated data is qualified as estimated for VOCs, SVOCs, PCBs and metals in many samples due to high continuing calibration percent difference values, high and low surrogate and MS/MSD recoveries, and matrix interferences. These matrix effects are not uncommon when samples with oily or ash matrices are analyzed. In AECOM's opinion, these deficiencies do not significantly impact the Site characterization information presented in this report for the following reasons:

- Neither the compounds 2,4-dinitrophenol nor other acid-extractable compounds (i.e., phenols), nor 3,3'-Dichlorobenzidine were detected frequently or at significant concentrations in the samples collected during the RI activities; therefore, these SVOCs are not Chemicals of Potential Concern (COPC) for this Site.
- Although the data qualified as estimated for VOCs, SVOCs, PCBs and metals do pertain to COPCs for this RI, the sheer number and magnitude of positive detections of these compounds in sampled media provide a comprehensive characterization of their distribution in the soil, groundwater, and sediment.

5.0 Community Air Monitoring

Community air monitoring procedures developed in accordance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (CAMP, DER-10, Appendix 1A) were implemented during field activities to measure and, if necessary, respond to the presence of VOCs and particulate matter in air if generated by the RI field work. Particulate concentrations were monitored at upwind and downwind stations during all intrusive activities, except when the site safety officer (SSO) deemed monitoring unnecessary due to precipitation. For each monitoring event, data from the upwind monitoring location was used to establish site-specific background concentrations.

Particulate monitoring was performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes for comparison to the airborne particulate action level. Each particulate monitor was calibrated daily with a filtered air sample. Each air monitoring instrument was downloaded daily and the data was saved electronically.

Detections above the NYSDOH Generic CAMP-recommended action level of 0.10 mg/m3 above background for particulate matter less than 10 micrometers in size were not observed at the downwind station during field activities. As a result, dust suppression techniques (*i.e.,* misting surfaces with water) were not implemented.

In addition to dust monitors, VOCs were monitored using PIDs at upwind and downwind stations during all intrusive fieldwork. No VOC detections were observed at concentrations greater than the corresponding action criteria from either the upwind or downwind monitoring stations during the field investigation. The community air monitoring data collected during field activities is provided as **Appendix C**.

6.0 Investigation Derived Waste Management

All solid and liquid investigation derived wastes (IDW) generated during the RI activities were placed into New York State Department of Transportation (NYSDOT)-approved 55 gallon steel drums. The drums were stored in an outdoor drum staging area located in the parking lot directly to the east of AOC G. Each drum was filled in the work zone and moved to the drum staging area, or during piezometer and groundwater monitoring activities, left in the staging area and filled via transfer from five gallon buckets. The drum contents were segregated by soil boring work area or monitoring well/piezometer ID, numbered and dated on "Pending Analysis" labels. The AECOM field lead maintained a list of the drum IDs and their contents. Before the end of each workday, all drums were placed on wood pallets and covered with polyethylene sheeting to enable field personnel to quickly identify leaks and to protect the drums from the elements.

A total of 19 drums were generated over the duration of field activities: seven soil drums; six water drums; five drums containing used direct push drilling sleeves; and one drum of personal protective equipment (PPE). Drum samples were collected on November 25, December 3, and December 18, 2014. Each soil drum was individually sampled and analyzed for toxicity characteristic leaching procedure (TCLP) VOCs. Several of the drums were also analyzed for VOCs, SVOCs, PCBs, and TAL Metals when data was needed beyond the available results provided by individual soil boring and well construction soil samples. The water drums were typically either individually or composite sampled and analyzed for TCLP VOCs, TCLP SVOCs, TCLP pesticides and herbicides, TCLP metals, pH, ignitability/reactivity, VOCs, SVOCs, PCBs, and TAL Metals. The drums of used direct push drilling sleeves were assumed to contain small volumes of soil with similar contaminant concentrations as the soil drums, while the PPE drum was assumed to contain negligible amounts of impacted soil and water and therefore were considered to be non-hazardous.

On December 23, 2014, all 19 IDW drums were moved from the AOC G drum staging area to an indoor drum storage area within the Carrier facility in order to protect the drums from vandalism and weather until sample results were received and disposal arrangements could be made.

Upon receipt of all laboratory data, the seven drums containing soil cuttings and five drums containing used direct push sampling sleeves were each equipped with yellow labels emblazoned with "Caution - Contains PCBs" due to the presence of total PCBs over 50 parts per million (ppm) in several of the soil boring samples. The six water drums and the PPE drum were provided with "Non-Hazardous Waste" labels based on the drum sampling data. The investigation analytical data for all waste that was disposed in the drums (e.g., soil cuttings, purged groundwater, purged piezometer water, etc.), as well as the IDW-specific sample analytical results, was submitted to each designated waste disposal facility along with waste disposal profiles.

On January 20, 2015, the drums were removed from the Carrier facility by Clean Harbors Environmental Services, Inc. for subsequent disposal at Spring Grove Resource Recovery, Inc. located in Cincinnati, Ohio (drums containing soil, drilling sleeves, and PPE) and Clean Harbors Environmental Services, Inc. located in Chattanooga, Tennessee (drums containing water).

7.0 Conclusions and Recommendations

7.1 Selection of Chemicals of Potential Concern

During the fall 2014 RI, analyses of soil and groundwater samples reported concentrations of PCBs, VOCs, SVOCs, and TAL Metals which were compared to New York State SCOs and AWQS. While each of these analyte classes were detected in soil in the former landfill area in excess of applicable SCOs, PCBs and metals were the only substances detected in wetland sediment in excess of the Class C sediment criteria. VOCs were the only analytes detected in groundwater at concentrations significantly higher than AWQS, and VOCs were the only analytes detected in (two) wetland piezometers which appeared to be related to the landfill activities.

7.2 Nature and Extent of Contamination

7.2.1 Surface Soil

During the fall 2014 RI, surface soil samples were collected at 32 locations for analyses of VOCs, SVOCs, PCBs, and TAL Metals and were compared to the SCOs for various Site uses listed in NYSDEC 6NYCRR Subpart 375-6. These substances exceeded the various criteria at the frequency shown below for each analyte:

Surface Soil Samples Exceeding NYSDEC Soil Cleanup Objectives

Analyte	Unrestricted Use SCO	Commercial Use SCO	Industrial Use SCO
VOCs	9	0	0
SVOCs	8	6	6
PCBs	29	16	0
Metals	14	7	7

As the table above illustrates, concentrations of VOCs in surface soil at several locations and PCBs in surface soil over a large portion of the Site exceeded the Unrestricted Use SCOs. For Commercial and Industrial Use SCOs, VOCs did not exceed these criteria, while PCBs in excess of the Commercial Use SCOs were relatively widespread across the Site. PCBs were not detected in surface soil at concentrations exceeding Industrial Use SCOs.

For all analytes, samples along the eastern extent of the landfilled area reported either concentrations below all the SCOs considered during this RI, or nominal exceedances of only the Unrestricted SCO. Thus, for current and foreseeable future commercial or industrial uses of the Site, the nature and extent of Site-related contaminants in surface soil associated with landfilling activities has been delineated. Isoconcentration maps representing the highest analyte concentrations at each surface soil sampling location were generated to highlight areas on the Site where these substances exceeded SCOs (**Figures 4-6, 4-7, 4-8 and 4-9).**

7.2.2 Subsurface Soil

Subsurface soil samples collected at 32 sitewide soil borings (SB-501, etc.) analyzed at four to five depth intervals for VOCs, SVOCs, PCBs, and TAL Metals, and an additional 72 VOC Source Area soil borings (DPT-601, etc.) analyzed at five to six depth intervals for VOCs and PCBs were compared to NYSDEC SCOs and exceeded the various criteria at the frequency shown below for each analyte:

Subsurface Soil Samples Exceeding NYSDEC Soil Cleanup Objectives

Analyte	Unrestricted Use SCO	Commercial Use SCO	Industrial Use SCO
VOCs	205	8	4
SVOCs	33	30	30
PCBs	232	134	18
Metals	46	19	17

As illustrated on the cross sections (**Figures 4-15 and 4-16**), the vertical distribution of PCB concentrations is generally associated with the relatively uniform layer of landfilled material, except for a few locations in the center of the landfill just west of the TRPL where elevated PCB concentrations appear to coincide with deeper excavations into the underlying native sand and silt. During the RI field work, it was observed that the highest concentrations of VOCs (i.e., elevated PID readings, visual and olfactory observations, and chemical analytical results) were also associated with this area at the center of the landfill and with the isolated location at the south end of the Site.

As shown in **Figures 4-10, 4-13, 4-14, and 4-17**, the extent of PCBs in soil exceeding the Commercial and/or Industrial SCO was broader than the other analytes, followed by SVOCs and metals distributed similar to PCBs, and lastly by the very isolated areas of VOCs mentioned above.

As with the surface soil data, the figures referenced above demonstrate that for all analytes the samples collected along the eastern extent of the landfilled area reported concentrations below all SCOs or only nominally exceeding only the Unrestricted SCO. The nature and extent of Site-related contaminants in subsurface soil has been delineated with the exception of the area along the southern portion of the site, where aerial photos and observations from soil borings along the southern edge of the site showing the presence of fill material suggests that Site impacts may extend beyond the property boundary.

7.2.3 Sediment

As determined during the wetland sediment sampling portion of this RI completed in October 2013, concentrations of VOCs and SVOCs detected in sediments did not exceed screening values and required no further action to protect benthic organisms. Metals were detected in 7 of 10 sediment sampling locations around the margins of the landfill during October 2013 at concentrations exceeding Class A sediment screening values; however, none were detected at concentrations above the Class C action level, and therefore they are considered Class B chemicals of concern.

PCBs were detected in one sediment sample collected in one location (F-1) during October 2013 at a concentration demonstrating an unacceptable risk to benthic organisms. Analyses of additional samples collected in November 2014 around location F-1 detected PCBs in excess of the Total Organic Carbon (TOC)-normalized screening value of 1.0 Toxicity Units: F1-02 (6 to 12 inches). The TOC-normalized concentration at this location results in a Hazard Quotient of 1.23 Toxicity Units.

PCBs were also detected at several sediment locations around the margins of the landfill during October 2014, but none rose to a level presenting an unacceptable risk to benthic organisms for wetland sediments when TOC-normalized concentrations were compared to TOC-normalized screening values. Metals were detected in two samples from the swale along the southwestern margin of the landfill, but these detections appear localized to the swale itself as samples from the adjacent wetland collected during 2013 did not detect metals at concentrations above the Class C action level.

7.2.4 Groundwater, Pore Water and Surface Water

Groundwater samples were collected from 24 on-site wells and two off-site wells, pore water was collected from ten wetland piezometers and six surface water samples were collected adjacent to piezometers during this RI. All water samples were analyzed for VOCs, SVOCs, PCBs, and total and dissolved metals. The results of these analyses were compared to the NYSDEC AWQS; the frequency of exceedances is shown below for each analyte:

Groundwater, Pore Water and Surface Water Samples Exceeding NYSDEC AWQS

Analyte	Groundwater	Pore Water	Surface Water
VOCs	9	2	0
SVOCs	3	0	0
PCBs	1	0	0
Metals	24	7	6

Organic chemical compounds detected in groundwater during this RI included TCE, cis-1,2-DCE, VC, and BTEX, which were detected at concentrations ranging from 37.4 micrograms per liter (µg/L) to 1,520,000 µg/L. TCA, DCA, TCE, DCE, and VC were detected at two of the wetland piezometers.

Within the impacted area of groundwater, there are elevated concentrations of TCE, BTEX, and other organic compounds. Generally, a reductive environment is present, where sulfate reduction occurs simultaneously with dechlorination of PCE, TCE, DCE, and DCB, in addition to BTEX reduction through benzyl succinate synthase using sulfate as an electron acceptor. There may be methane formation, but likely only in relatively small amounts due to the continued presence of sulfate. Towards the outskirts of the plume, and at transient time with infiltration of precipitation, the presence of oxygen enables the aerobic degradation of BTEX, chlorobenzene, and dichlorobenzene, as well as DCE and VC. There is evidence that at times or locations where/when aerobic conditions are present, cometabolism of TCE occurs as well.

Only one SVOC, Phenol, was reported to exceed AWQS at TR-15 at a concentration of 15.6 µg/L (estimated).

Both dissolved and total metals were detected above AWQS in piezometers and monitoring wells across the site. Many of the contaminants exceeding AWQS are the common earth metals such as iron, manganese, and sodium.

7.3 Exposure Assessment

Prolonged exposure to site-related chemicals in surface soil, subsurface soil, surface water, sediment and groundwater by human and/or ecological receptors could result in unacceptable adverse health effects if the exposure concentration is significant. As the Site is located in an area zoned for commercial and industrial uses, these restricted SCOs are the most applicable to the upland area of the Site, although all SCOs including unrestricted were considered, as shown on the Figures and Tables referenced throughout this report. Ecological exposures were also considered for the wetland and sediments. This section examines the potential for exposure to site-related chemicals detected in environmental media.

7.3.1 Landfill/Upland Areas

Analysis of surface soil, subsurface soil, and groundwater have shown site-related chemicals to be present at concentrations above human health risk-based guidelines for residential, commercial and industrial use. Currently, indigent trespasser and utility/maintenance worker exposures are possible. As the Site is not likely to be used for residential development, future potential occupant exposures would be limited to industrial and commercial use scenarios.

The former landfill and surrounding area has developed substantial vegetative cover that provides habitat for ecological receptors. Terrestrial ecological receptors such as soil invertebrates may be exposed to Site-related chemicals by direct contact with contaminated surface soil. Wildlife such as birds and mammals may be exposed to Site-related chemicals through incidental ingestion of contaminated surface soil and ingestion of food organisms that may have taken up chemicals from contaminated surface soil. Ecological receptors have limited access to subsurface soil and groundwater; therefore, these are not considered ecological media of concern.

7.3.2 Wetland

Benthic organisms occupying the wetlands in the area of sediment location F-1 may be exposed to PCBs in surface sediments at concentrations that may cause unacceptable adverse effects.

7.4 Assessment Summary/Recommendations

The extent of COPCs (i.e. PCBs, VOCs, SVOCs, and metals) reported in soil analyses during this RI have been mostly delineated to Commercial and Industrial Use SCOs with the exception of the southern portion of the site as described above. The extent of PCBs in soil exceeding the Commercial and/or Industrial SCO was broader than the other analytes, followed by SVOCs and metals distributed similar to PCBs, and lastly by very isolated areas of VOCs. No further delineation of these substances appears necessary prior to Remedial Pre-Design Investigation (PDI).

As determined by wetland sediment sampling performed during this RI, concentrations of VOCs and SVOCs detected in sediments did not exceed screening values and required no further action to protect benthic organisms. Metals were detected in sediment sampling locations around the margins of the landfill above the Class C action level at two locations. PCBs were also detected at several

sediment locations around the margins of the landfill, but none rose to a level presenting an unacceptable risk to benthic organisms for wetland sediments when TOC-normalized concentrations were compared to TOC-normalized screening values, except at location F-1. Additional delineation of PCBs at this location is required, as described below.

Organic chemical compounds including chlorinated VOCs and BTEX were detected in groundwater during this RI at shallow wells in the landfilled area. VOCs including DCE and VC, which are reductive dechlorination by-products of the chlorinated VOCS detected in groundwater at the landfilled area, were detected at two of the wetland piezometers. Additional investigation is recommended as described below to further assess the potential pathway for westerly transport of VOCs in groundwater from the landfilled area along the top of the clay layer.

Chemicals were detected in surface soil and sediment at concentrations exceeding NYSDEC screening values for the protection of ecological receptors and therefore a NYSDEC Fish and Wildlife Resource Impact Assessment (FWRIA) will be completed.

7.4.1 Soil and Sediment

Analyses of surface and subsurface soil have mostly delineated the extent of site-related chemicals to applicable NYSDEC Commercial and Industrial Use SCOs. A limited area of sediment exceeding ecological criteria for PCBs was detected at sediment sample location F-1 at the wetland edge, and will require further delineation.

Engineering evaluations of technology applicability and for addressing soils in the upland portion of the Site impacted with VOCs, PCBs, SVOCs, and metals at levels exceeding Commercial and Industrial Use SCOs can be initiated with the existing data.

7.4.2 Groundwater

7.4.2.1 Depth of Contaminants in Upper Saturated Zone

Based on the data presented in the RI Work Plan, the conceptual site model (CSM) for the landfill area above the clay aquitard was described generally as debris overlying unsaturated surficial silt and clay, underlain by a shallow saturated zone comprising silt and fine-grained sand grading downward to medium-grained sand. The water table elevation in the upper saturated zone was interpreted to be at approximately the same elevation as the water surface in the open-water marsh wetland.

Based on data collected during in the fall 2014 RI activities, the following apparent differences in the CSM were observed. The thickness of landfilled material was observed to vary from 1.5 to 10 feet across the Site, but was most typically 4 to 8 feet thick. Unlike the original CSM geological cross section, the geology underlying the fill material appears to consist of distinct intervals of laterally discontinuous native material including sandy silt with interbedded fine to medium sand and sandy clay. Below these laterally discontinuous layers a laterally contiguous layer of fine to medium sand was encountered underlain by sandy clay with interbedded sand fining downward into soft, wet, plastic clay with some fine sand. At the center of the landfill between locations SB-518 and DPT-621 (shown on north-south, A-A', cross section **Figure 4-1)** and between DPT-630 and SB-508 (shown on west-east, B-B', cross section **Figure 4-2**), there are depressions in the interbedded native silt, sand, and clay that appear to have been excavated and filled. These depressions appear to extend as deeply as 4 feet into the native material and generally underlay the location of the northern source area.

The presence of fill material in these apparently excavated areas and below the water table may have contributed contaminants to groundwater which migrated downward through the interbedded sands until reaching the base of the upper saturated zone as indicated by the presence of chlorinated solvents in the sample from R-19, which is the second deepest monitoring well in the upper saturated zone.

7.4.2.2 Occurrence of Natural Degradation in Upper Saturated Zone

The shallow overburden groundwater generally flows west from the landfill to the adjoining wetlands with a relatively low gradient (approximately 2%). The plume characteristics, as depicted on VOC isoconcentrations provided in **Figure 4-18**, exhibits a plume with relatively strong transverse dispersion and relatively week longitudinal dispersion. These plume characteristics appear to indicate that groundwater contaminant migration is significantly influenced by diffusion as compared to advection. With the indications of a generally reductive environment, as discussed in Section 4.4, it appears that the rate of degradation may be equal or greater than the rate of diffusion; however, a route of transport for Site-related COPCs from shallow groundwater to wetland pore water was detected during this RI.

7.4.2.3 Groundwater Recommendation

Given the uncertainty that potentially higher concentrations of chlorinated alkenes may be transported in groundwater along the top of the clay layer or that these concentrations are alternatively being treated by the observed natural attenuation process before migrating off-Site, additional investigation should be performed to assess this potential transport pathway. It is recommended that four additional wells be installed at the edge of the wetland to the top of the clay layer, conditioned on approval of a US Army Corp of Engineers Nationwide Permit #6 application.

7.4.3 Fish and Wildlife Resource Impact Assessment

Chemicals were detected in surface soil and surface sediment at concentrations exceeding NYSDEC screening values for the protection of ecological receptors. There are complete exposure pathways present from surface soil and sediment to ecological receptors by direct contact with environmental media, incidental ingestion of contaminated media, and ingestion of food organisms that may have taken up chemicals from contaminated media. Therefore, further investigation around sediment location F-1 as described above and completion of a NYSDEC FWRIA will be performed as part of the RI for the Site.

7.4.4 Trespasser Exposure Management

During the 2014 RI, evidence of trespasser habitation of the Site was observed. “No Trespassing Signs” were posted around the periphery and within the Site during February 2015.

Tables

Table 1
Summary of Groundwater Elevations

Well Identification	Top of Casing Elevation*	Depth-to-Groundwater (feet)	Groundwater Elevation*	Total Depth-to-Bottom (feet)	Bottom of Well Elevation*
Shallow Monitoring Wells					
TR-05	410.67	6.93	403.74	15.51	395.16
TR-06	411.35	10.42	400.93	14.50	396.85
TR-07	404.69	6.88	397.81	13.64	391.05
TR-08	402.93	3.33	399.60	14.18	388.75
TR-10	405.40	6.00	399.40	16.70	388.70
TR-11	404.24	4.43	399.81	17.23	387.01
TR-12	406.12	7.15	398.97	14.70	391.42
TR-15	410.37	11.70	398.67	17.25	393.12
TR-16	407.71	9.00	398.71	20.00	387.71
TR-17	407.50	8.40	399.10	14.70	392.80
TR-18	407.18	6.90	400.28	15.90	391.28
TR-19	408.20	9.51	398.69	21.28	386.92
TR-21	410.99	12.47	398.52	24.97	386.02
TR-22	411.94	12.95	398.99	21.00	390.94
TR-23	411.20	12.25	398.95	21.68	389.52
TR-24	412.57	13.75	398.82	21.50	391.07
Deep Monitoring Wells					
TR-09D	410.80	16.45	394.35	61.90	348.90
TR-13D	405.40	12.25	393.15	56.80	348.60
TR-14D	404.24	8.40	395.84	71.70	332.54
TR-25D	406.62	13.06	393.56	50.38	356.24
TR-26D	410.42	16.94	393.48	54.05	356.37
TR-27D	412.84	19.42	393.42	51.15	361.69
TR-28D	410.67	16.83	393.84	61.65	349.02
TR-29D	408.58	15.02	393.56	64.30	344.28

Notes:

* = All elevations are based on USGS NAVD 1927 and are given in feet above mean sea level.

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives: Unrestricted	Commercial	Industrial	TSCA	Sample ID:	DPT-601	DPT-601	DPT-601	DPT-601	DPT-601	DPT-601	DPT-601	DPT-611	DPT-611	DPT-611	DPT-611	DPT-611	DPT-611
					Sample Date:	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014
					Depth Interval:	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	24 - 28 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft
					Sample Type:	N	N	N	N	N	N	N	N	N	FD	N	N	N
PCB's																		
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	mg/kg	< 0.036 U	< 0.036 U	< 0.042 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.04 U	< 0.038 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	mg/kg	< 0.036 U	< 0.036 U	< 0.042 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.04 U	< 0.038 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	mg/kg	< 0.036 U	< 0.036 U	< 0.042 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.04 U	< 0.038 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	mg/kg	< 0.036 U	< 0.036 U	< 0.042 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.04 U	< 0.038 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	mg/kg	< 0.036 U	< 0.036 U	< 0.042 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.043 U	< 0.036 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.04 U	< 0.038 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	mg/kg	< 0.036 U	< 0.036 U	0.725 J	2.7 J	0.0245 J	< 0.041 U	< 0.043 U	3.22 J	< 0.037 U	< 0.037 U	12.7 J	0.277 J	< 0.038 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	mg/kg	0.6 J	0.1	1.2	2.77	0.0288 J	< 0.041 U	< 0.043 U	11.8	0.167	0.091	19.5	0.458	0.0186 J
PCB, TOTAL	**0.1**	**1**	**25**	**50**	mg/kg	**0.6**	**0.1**	**1.93**	**5.47**	0.0533	< 0.041 U	< 0.043 U	**15**	**0.167**	0.091	**32.2**	**0.735**	0.0186
VOCs																		
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 UJ	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	**0.452 J**	< 0.91 U	0.117 J
1,1-DICHLOROPROPENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 UJ	< 0.86 UJ	< 0.67 UJ	1.43 J	< 2.3 UJ	< 0.53 UJ
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	10.1	0.933 J	< 0.53 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	1.01 J	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	**22.3**	1.94 J	< 0.53 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 UJ	< 3.2 UJ	< 3.6 UJ	< 2.2 UJ	< 0.88 UJ	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	**1.16 J**	< 0.86 U	< 0.35 U	< 0.0024 UJ	< 0.39 U	< 0.35 U	< 0.27 U	**13.5**	**1.4**	0.144 J
1,2-DICHLOROETHANE	0.02	30	60	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	6.75	< 2.3 U	< 0.53 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 UJ	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 UJ	< 0.39 U	< 0.35 U	< 0.27 U	1.4	< 0.91 U	< 0.21 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
2-CHLOROTOLUENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
4-CHLOROTOLUENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
BENZENE	**0.06**	44	89	NE	mg/kg	< 0.077 U	< 0.068 U	< 0.32 U	< 0.36 U	< 0.22 U	< 0.088 U	< 0.00059 U	< 0.097 U	< 0.086 U	< 0.067 U	< 0.23 U	< 0.23 U	< 0.053 U
BROMOBENZENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
BROMOFORM	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 UJ	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
BROMOMETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
CHLOROBENZENE	**1.1**	500	1000	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
CHLOROETHANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
CHLOROFORM	**0.37**	350	700	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
CHLOROMETHANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	mg/kg	**5.67**	**0.854**	**106**	**75.6**	**76.6**	**8.19**	0.0137	**3.53**	**11.4**	**3.9**	**143**	**78.2**	**30**
CYMENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	2.15 J	< 2.3 U	< 0.53 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
DIBROMOMETHANE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
ETHYLBENZENE	**1**	**390**	**780**	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	0.576 J	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	**6.96**	**1.13**	0.435
HEXACHLOROBUTADIENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	1.18 J	< 2.3 U	< 0.53 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	**2.22**	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	**24.1**	**3.35**	**1.04**
METHYLENE CHLORIDE	**0.05**	500	1000	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
NAPHTHALENE	**12**	500	1000	NE	mg/kg	1.02	< 0.68 UJ	< 3.2 UJ	< 3.6 UJ	< 2.2 UJ	< 0.88 UJ	< 0.0059 UJ	0.147 J	< 0.86 U	< 0.67 U	5.02	< 2.3 U	< 0.53 U
N-BUTYLBENZENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	0.0573 J	< 0.86 U	< 0.67 U	3.56	< 2.3 U	< 0.53 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	2.43	< 2.3 U	< 0.53 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	1.05 J	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	3.35	1.68	0.495
SEC-BUTYLBENZENE	**11**	500	1000	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	1.48 J	< 2.3 U	< 0.53 U
STYRENE	NE	NE	NE	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 U	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	mg/kg	< 0.77 U	< 0.68 U	< 3.2 U	< 3.6 U	< 2.2 U	< 0.88 U	< 0.0059 UJ	< 0.97 U	< 0.86 U	< 0.67 U	< 2.3 U	< 2.3 U	< 0.53 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
TOLUENE	**0.7**	**500**	**1000**	NE	mg/kg	< 0.77 U	< 0.68 U	**1.07 J**	**10.1**	0.461 J	< 0.88 U	< 0.0059 U	0.0890 J	< 0.86 U	< 0.67 U	**4.15**	**41.9**	**2.27**
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	mg/kg	**0.252 J**	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	**0.429**	**0.231 J**	< 0.27 U	**1.15**	< 0.91 U	< 0.21 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	mg/kg	**4.83**	0.433	< 1.3 U	< 1.4 U	**1.01**	< 0.35 U	< 0.0024 U	**3.26**	**1.57**	**0.614**	< 0.93 U	**336**	**1.36**
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	< 0.21 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	mg/kg	< 0.31 U	< 0.27 U	< 1.3 U	< 1.4 U	< 0.86 U	< 0.35 U	< 0.0024 U	< 0.39 U	< 0.35 U	< 0.27 U	< 0.93 U	< 0.91 U	**1.13**
Total VOCs-CALC	NE	NE	NE	NE	mg/kg	**11.8**	**1.29**	**107**	**91.7**	**78.1**	**8.19**	0.0137	**7.51**	**13.2**	**4.51**	**254**	**467**	**37**

Chemical Name	DPT-619	DPT-619	DPT-619	DPT-619	DPT-619	DPT-619	DPT-621	DPT-621	DPT-621	DPT-621	DPT-621
Sample Date:	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014
Depth Interval:	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft
Sample Type:	N	N	N	N	N	N	N	N	N	N	N
PCB's											
PCB-1016 (AROCLOR 1016)	< 0.039 U	< 0.036 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.041 U
PCB-1221 (AROCLOR 1221)	< 0.039 U	< 0.036 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.041 U
PCB-1232 (AROCLOR 1232)	< 0.039 U	< 0.036 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.041 U
PCB-1242 (AROCLOR 1242)	< 0.039 U	< 0.036 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.041 U
PCB-1248 (AROCLOR 1248)	< 0.039 U	< 0.036 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.041 U
PCB-1254 (AROCLOR 1254)	1.57 J	< 0.036 U	17.1 J	13.9	20.5	0.362	< 0.038 U	7.57	19.4	8.86	0.259 J
PCB-1260 (AROCLOR 1260)	3.96	6.92	4.89 J	10.6 J	18.4 J	0.314 J	8.83	4.42 J	5.41 J	8.76 J	0.32
PCB, TOTAL	**5.53**	**6.92**	**22**	**24.5**	**38.9**	**0.676**	**8.83**	**12**	**24.8**	**17.6**	**0.579**
VOCs											
1,1,1,2-TETRACHLOROETHANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
1,1,1-TRICHLOROETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,1,2,2-TETRACHLOROETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,1,2-TRICHLOROETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,1-DICHLOROETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,1-DICHLOROETHENE	< 0.0029 U	< 0.28 U	< 1 U	**0.626 J**	**2.32**	< 3.4 U	**0.722**	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,1-DICHLOROPROPENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
1,2,3-TRICHLOROBENZENE	< 0.0073 U	< 0.71 UJ	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
1,2,3-TRICHLOROPROPANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
1,2,4-TRICHLOROBENZENE	< 0.0073 U	< 0.71 U	< 2.5 U	0.697 J	4.7 J	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	2.44 J	< 3.5 U
1,2,4-TRIMETHYLBENZENE	< 0.0073 U	0.311 J	3.3	**6.57**	**44.6**	< 8.6 U	< 1.7 U	0.719 J	**36.5**	**13.6**	1.94 J
1,2-DIBROMO-3-CHLOROPROPANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,2-DICHLOROBENZENE	0.00049 J	0.572	**3.01**	**4.49**	**36**	< 3.4 U	< 0.7 U	< 0.82 U	**4.44**	**6.23**	**1.69**
1,2-DICHLOROETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,2-DICHLOROPROPANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.0073 U	< 0.71 U	0.911 J	1.85 J	**12**	< 8.6 U	< 1.7 U	< 2.1 U	**9.93**	3.81 J	< 3.5 U
1,3-DICHLOROBENZENE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
1,3-DICHLOROPROPANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
1,4-DICHLOROBENZENE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	**3.12**	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
2,2-DICHLOROPROPANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
2-CHLOROTOLUENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
4-CHLOROTOLUENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
BENZENE	0.00060 J	< 0.071 U	< 0.25 U	< 0.27 U	< 0.5 U	< 0.86 U	< 0.17 U	< 0.21 U	< 0.54 U	< 0.5 U	< 0.35 U
BROMOBENZENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
BROMOCHLOROMETHANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
BROMODICHLOROMETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
BROMOFORM	< 0.0029 UJ	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
BROMOMETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
CARBON TETRACHLORIDE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
CHLOROBENZENE	< 0.0029 U	0.272 J	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
CHLOROETHANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
CHLOROFORM	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
CHLOROMETHANE	< 0.0073 UJ	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
CIS-1,2-DICHLOROETHYLENE	0.0224	**3.71**	**87.3**	**86**	**246**	**300**	**23.5**	**49.5**	**6.36**	**217**	**255**
CYMENE	0.0033 J	0.156 J	0.587 J	0.674 J	3.81 J	< 8.6 U	< 1.7 U	0.256 J	11.7	1.6 J	< 3.5 U
DIBROMOCHLOROMETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
DIBROMOMETHANE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
DICHLORODIFLUOROMETHANE	< 0.0029 U	< 0.28 UJ	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
ETHYLBENZENE	< 0.0029 U	0.948	**2.88**	**6.52**	**47**	< 3.4 U	< 0.7 U	< 0.82 U	**9.1**	**10**	**2.67**
HEXACHLOROBUTADIENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
ISOPROPYLBENZENE (CUMENE)	< 0.0073 U	< 0.71 U	0.247 J	0.473 J	3.37 J	< 8.6 U	< 1.7 U	< 2.1 U	2.49 J	1.04 J	< 3.5 U
M,P-XYLENE (SUM OF ISOMERS)	0.0012 J	**1.74**	**9.09**	**20.1**	**135**	< 3.4 U	< 0.7 U	**0.554 J**	**30.2**	**30.6**	**7.39**
METHYLENE CHLORIDE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
NAPHTHALENE	< 0.0073 U	0.969 J	0.723 J	1.28 J	8.73	< 8.6 U	< 1.7 UJ	< 2.1 UJ	4.83 J	3 J	< 3.5 UJ
N-BUTYLBENZENE	< 0.0073 U	< 0.71 U	0.568 J	0.896 J	5.51	< 8.6 U	< 1.7 U	< 2.1 U	7.06	2.18 J	0.345 J
N-PROPYLBENZENE	< 0.0073 U	< 0.71 U	0.413 J	0.854 J	**5.42**	< 8.6 U	< 1.7 U	< 2.1 U	**4.83 J**	1.85 J	0.313 J
O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.0029 U	0.625	4.13	8.79	64.3	< 3.4 U	< 0.7 U	< 0.82 U	13.2	12.5	3.51
SEC-BUTYLBENZENE	< 0.0073 U	< 0.71 U	< 2.5 U	0.404 J	2.55 J	< 8.6 U	< 1.7 U	< 2.1 U	3.41 J	0.971 J	< 3.5 U
STYRENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
T-BUTYLBENZENE	< 0.0073 U	< 0.71 U	< 2.5 U	< 2.7 U	< 5 U	< 8.6 U	< 1.7 U	< 2.1 U	< 5.4 U	< 5 U	< 3.5 U
TERT-BUTYL METHYL ETHER	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
TETRACHLOROETHYLENE(PCE)	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
TOLUENE	0.0044 J	**3.1**	**39.8**	**71.9**	**401**	**6.39 J**	< 1.7 U	0.672 J	**258**	**130**	**41.5**
TRANS-1,2-DICHLOROETHENE	0.0018 J	**0.211 J**	< 1 U	< 1.1 U	< 2 U	< 3.4 U	**0.439 J**	**0.952**	< 2.2 U	< 2 U	< 1.4 U
TRICHLOROETHYLENE (TCE)	0.0096	**0.769**	< 1 U	< 1.1 U	< 2 U	**10.6**	**71.9**	**120**	< 2.2 U	**18.8**	**124**
TRICHLOROFLUOROMETHANE	< 0.0029 U	< 0.28 U	< 1 U	< 1.1 U	< 2 U	< 3.4 U	< 0.7 U	< 0.82 U	< 2.2 U	< 2 U	< 1.4 U
VINYL CHLORIDE	0.0063	**0.379 J**	**3.11**	**3.28**	**4.79**	**2.84 J**	< 0.7 U	< 0.82 U	**15.7**	< 2 U	< 1.4 U
Total VOCs-CALC	0.0501	**13.8**	**156**	**215**	**1030**	**320**	**96.6**	**173**	**418**	**456**	**438**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-625	DPT-625	DPT-625	DPT-625	DPT-625	DPT-625	DPT-625	DPT-626	DPT-626	DPT-626	DPT-626	DPT-626	DPT-627	DPT-627	DPT-627	DPT-627	DPT-627	DPT-627	DPT-627	DPT-628	DPT-628	DPT-628	DPT-628	DPT-628	DPT-628
					11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014
	Unrestricted	Commercial	Industrial	TSCA	0 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft
					N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.043 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.041 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.04 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.043 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.041 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.04 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.043 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.041 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.04 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.043 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.041 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.04 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.043 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.041 U	< 0.039 U	< 0.036 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.04 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.039 U	53 J	1.06 J	0.0199 J	< 0.04 U	1.01 J	0.912 J	9.63	11.2	0.112 J	1.34 J	27.4 J	0.354 J	9.4	19.6	9.32 J	0.143 J	7.04 J	5.12	< 0.038 U	0.136 J	0.114 J	< 0.04 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	7.91	24.1 J	22.9	167 J	3.36	0.0719	0.0942	3.28	1.66	6.17 J	6.79 J	0.132	3.81	31.4 J	0.517	8.95 J	17.4 J	14.6 J	0.245	18.4	4.7 J	< 0.038 U	0.156	0.149	< 0.04 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**7.91**	**24.1**	**22.9**	**220**	**4.42**	0.0918	0.0942	**4.29**	**2.57**	**15.8**	**18**	**0.244**	**5.15**	**58.8**	**0.871**	**18.4**	**37**	**23.9**	**0.388**	**25.4**	**9.82**	< 0.038 U	**0.292**	**0.263**	< 0.04 U
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	**0.524 J**	< 0.29 U	< 0.52 U	< 0.37 U	**2.36**	< 1.7 U	< 0.46 U	< 0.31 U	**2.1**	**4.15 J**	< 2.4 UJ	**6.99**	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	4.18 J	< 6 UJ	4.03 J	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	0.857 J	< 5.4 U	< 4.2 U	< 1.2 U	2.21	1.09 J	5.67 J	2.94 J	20.6	< 2.8 U	1.06 J	0.799	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 1.3 U	1.6	1.35	**16.7**	1.11 J	< 1.2 U	< 2.7 U	< 0.71 U	**12.9**	**15.1**	**6.75**	< 4.2 U	< 1.2 U	**25.8**	**6.12**	**7.04 J**	**12.3**	**59.4**	< 2.8 U	**5.02**	**5.74**	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.51 U	0.688	0.657	**6.59**	0.94	0.297 J	< 1.1 U	< 0.29 U	**6.58**	**7.37**	**3.27**	0.671 J	0.107 J	**7.95**	**2.54**	**3.93 J**	**4.11**	**36.2**	< 1.1 U	**1.78**	**2.48**	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 1.3 U	0.659 J	0.543 J	6.27	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	3.2	3.1	2.26 J	< 4.2 U	< 1.2 U	**8.87**	1.76 J	< 15 UJ	3.17 J	**16.5**	< 2.8 U	1.61 J	1.79	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	0.344 J	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.51 U	< 0.28 U	< 0.24 U	1.15	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	0.206 J	0.427	< 2.2 U	< 1.7 U	< 0.46 U	1.42	< 2.1 U	< 6.1 U	< 2.4 U	**3.8 J**	< 1.1 U	< 1.6 U	0.203 J	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 UJ	< 5.3 UJ	< 15 UJ	< 6 UJ	< 11 UJ	< 2.8 UJ	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
BENZENE	**0.06**	44	89	NE	< 0.13 U	0.0565 J	< 0.06 U	**0.0799**	< 0.16 U	< 0.12 U	< 0.27 U	< 0.071 U	< 0.13 U	< 0.092 U	< 0.54 U	< 0.42 U	< 0.12 U	< 0.077 U	< 0.53 U	< 1.5 U	< 0.6 U	< 1.1 U	< 0.28 U	< 0.4 U	< 0.072 U	< 0.00048 U	< 0.12 U	< 1 U	< 0.17 U
BROMOBENZENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
BROMOFORM	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 UJ	< 2.1 UJ	< 6.1 UJ	< 2.4 UJ	< 4.6 UJ	< 1.1 UJ	< 1.6 U	< 0.29 U	< 0.0019 UJ	< 0.47 U	< 4.1 U	< 0.66 U
BROMOMETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.51 U	0.48	0.308	**2.97**	0.237 J	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	**1.18**	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
CHLOROETHANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
CHLOROFORM	**0.37**	350	700	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
CHLOROMETHANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**1.96**	**3.43**	**5.05**	**45.4**	**45.9**	**61.6**	**126**	**0.357**	**7.14**	**25.4**	**367**	**163**	**6.15**	**1.4**	**404**	**902 J**	**281 J**	**495**	**93.8**	**35.9**	**10.7**	0.0029	**56.5**	**341**	**106**
CYMENE	NE	NE	NE	NE	< 1.3 U	0.273 J	0.215 J	3.2	0.195 J	< 1.2 U	< 2.7 U	< 0.71 U	0.935 J	1.2	1.82 J	< 4.2 U	< 1.2 U	2.06	0.683 J	1.57 J	1.31 J	5.73 J	< 2.8 U	1.32 J	1.15	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
DIBROMOMETHANE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	0.0115	< 0.47 U	< 4.1 U	< 0.66 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.51 U	0.998	0.565	**4.64**	0.761	**1.04**	< 1.1 U	< 0.29 U	**2.41**	**3.14**	**4.3**	0.967 J	< 0.46 U	**7.19**	**2.73**	**5.54 J**	**8.28**	**65.8**	< 1.1 U	< 1.6 U	**1.28**	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	8.6 J	< 6 UJ	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 1.3 U	0.107 J	0.0821 J	1.02	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	0.439 J	0.656 J	0.512 J	< 4.2 U	< 1.2 U	1.45	0.36 J	< 15 UJ	1 J	4.36 J	< 2.8 U	< 4 U	0.278 J	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.51 U	**2.84**	**1.69**	**13.3**	**1.98**	**2.47**	**0.571 J**	< 0.29 U	**9.66**	**9.29**	**11.9**	**3.33**	**0.316 J**	**9.59**	**7.03**	**15.5**	**26.2**	**179**	< 1.1 U	**1.4 J**	**4.3**	< 0.0019 U	**0.537**	**2.26 J**	< 0.66 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	**0.134 J**	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
NAPHTHALENE	**12**	500	1000	NE	< 1.3 U	0.534 J	0.357 J	4.03	0.804 J	< 1.2 U	< 2.7 U	< 0.71 UJ	1.18 J	1.75 J	< 5.4 UJ	< 4.2 UJ	< 1.2 U	2.92	1.13 J	3.16 J	2.47 J	9.9 J	< 2.8 U	1.07 J	1.42 J	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 1.3 U	0.179 J	0.183 J	3.48	0.231 J	< 1.2 U	< 2.7 U	< 0.71 U	1.15 J	2.25	1.21 J	< 4.2 U	< 1.2 U	5.56	1.32 J	2.59 J	2.13 J	8.87 J	< 2.8 U	1.17 J	1.12	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 1.3 U	0.117 J	0.0978 J	1.46	0.134 J	< 1.2 U	< 2.7 U	< 0.71 U	0.786 J	1.05	0.804 J	< 4.2 U	< 1.2 U	2.23	0.635 J	1.09 J	1.63 J	**7.67 J**	< 2.8 U	0.281 J	0.544 J	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.51 U	0.971	0.662	3.31	0.797	1.15	< 1.1 U	< 0.29 U	3.22	4.19	4.03	1.41 J	0.585	3.22	2.97	6.97	10.9	69.2	< 1.1 U	0.76 J	2.13	< 0.0019 U	0.162 J	< 4.1 U	< 0.66 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 1.3 U	0.127 J	0.115 J	1.53	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	0.627 J	1.16	< 5.4 U	< 4.2 U	< 1.2 U	2.56	< 5.3 U	< 15 U	< 6 U	3.64 J	< 2.8 U	< 4 U	0.495 J	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
STYRENE	NE	NE	NE	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 1.3 U	< 0.7 U	< 0.6 U	< 0.78 U	< 1.6 U	< 1.2 U	< 2.7 U	< 0.71 U	< 1.3 U	< 0.92 U	< 5.4 U	< 4.2 U	< 1.2 U	< 0.77 U	< 5.3 U	< 15 U	< 6 U	< 11 U	< 2.8 U	< 4 U	< 0.72 U	< 0.0048 U	< 1.2 U	< 10 U	< 1.7 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
TOLUENE	**0.7**	**500**	**1000**	NE	0.299 J	**12.2**	**4.78**	**21.8**	**8.24**	**11.1**	**2.64 J**	< 0.71 U	**5.94**	**17.5**	**123**	**16.1**	0.229 J	**7.36**	**40**	**143**	**164**	**305**	**1.73 J**	**0.749 J**	**6.24**	0.00044 J	**2.44**	**11.3**	**1.05 J**
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.51 U	**0.195 J**	0.155 J	**4.15**	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	**0.387 J**	**0.442**	**2.63**	< 1.7 U	**0.648**	**0.681**	**2.16**	**4.29 J**	< 2.4 UJ	< 4.6 U	< 1.1 U	< 1.6 U	0.172 J	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	**7**	**1.33 J**	0.422 J	**21.6**	**1.1**	**6.42**	0.303 J	**1.19**	**4.74**	**9.3**	**2.7**	**6.76**	**31.5**	**3.71**	**4.53**	**10.9 J**	< 2.4 UJ	< 4.6 U	**9.15**	**191**	**2.41**	0.00061 J	< 0.47 U	**71.3**	**1.41**
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.51 U	< 0.28 U	< 0.24 U	< 0.31 U	< 0.63 U	< 0.46 U	< 1.1 U	< 0.29 U	< 0.52 U	< 0.37 U	< 2.2 U	< 1.7 U	< 0.46 U	< 0.31 U	< 2.1 U	< 6.1 U	< 2.4 U	< 4.6 U	< 1.1 U	< 1.6 U	< 0.29 U	< 0.0019 U	< 0.47 U	< 4.1 U	< 0.66 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.51 U	**0.437**	**0.469**	< 0.31 U	< 0.63 U	< 0.46 U	**2.12**	< 0.29 U	< 0.52 U	**0.834**	**8.85**	< 1.7 U	< 0.46 U	< 0.31 U	**19.9**	**36.1 J**	**2.91 J**	**12.2**	< 1.1 U	< 1.6 U	**0.858**	**0.0380**	**2.15**	< 4.1 U	**0.797**
Total VOCs-CALC	NE	NE	NE	NE	**9.26**	**27.2**	**17.7**	**163**	**62.4**	**84.1**	**132**	**1.55**	**61.5**	**105**	**543**	**192**	**39.5**	97.8	**501**	**1170**	**524**	**1310**	**105**	**243**	**44.1**	**0.0535**	**61.8**	426	**109**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-628	DPT-629	DPT-629	DPT-629	DPT-629	DPT-629	DPT-629	DPT-629	DPT-630	DPT-630	DPT-630	DPT-630	DPT-630	DPT-630	DPT-633	DPT-633	DPT-633	DPT-633	DPT-633	DPT-637	DPT-637	DPT-637	DPT-639	DPT-639	DPT-639
					11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/7/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/13/2014	11/13/2014	11/13/2014	11/10/2014	11/10/2014	11/10/2014
	Unrestricted	Commercial	Industrial	TSCA	24 - 28 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft
					N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.042 U	< 0.039 U	< 0.041 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.042 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.053 U	< 0.039 U	< 0.039 U	< 0.039 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.042 U	< 0.039 U	< 0.041 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.042 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.053 U	< 0.039 U	< 0.039 U	< 0.039 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.042 U	< 0.039 U	< 0.041 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.042 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.053 U	< 0.039 U	< 0.039 U	< 0.039 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.042 U	< 0.039 U	< 0.041 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.042 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.053 U	< 0.039 U	< 0.039 U	< 0.039 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.042 U	< 0.039 U	< 0.041 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.042 U	< 0.041 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.053 U	< 0.039 U	< 0.039 U	< 0.039 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	0.0368 J	79.3 J	2.19 J	6.47 J	< 0.042 U	1.13 J	5.05 J	0.0688 J	< 0.038 U	5.19	2.22	2.73 J	< 0.041 U	0.0544 J	< 0.039 U	1.31 J	< 0.039 U	1.76 J	< 0.039 U	< 0.042 U	0.795 J	20.1	< 0.039 U	< 0.039 U	3.27 J
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.0647	179	4.8	12.6	< 0.042 U	1.73	8.04	0.105	19.9 J	4.62 J	1.8 J	3.63	0.0250 J	0.0738	4.72	2.72	0.0145 J	3.96	0.0356 J	2.68	2.98	15.8 J	54.2	0.0462	3.73
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**0.102**	**258**	**6.99**	**19.1**	< 0.042 U	**2.86**	**13.1**	**0.174**	**19.9**	**9.81**	**4.02**	**6.36**	0.025	**0.128**	**4.72**	**4.03**	0.0145	**5.72**	0.0356	**2.68**	**3.78**	**35.9**	**54.2**	0.0462	**7**
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	0.116 J	0.109 J	**0.731 J**	< 0.52 U	0.237 J	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	0.33	0.33	< 0.22 U	< 0.31 U	< 0.88 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	0.315 J	< 6.1 U	< 0.72 UJ	< 2.8 UJ	< 1.1 UJ	0.132 J	< 0.78 U	< 2.2 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.62 U	2.9 J	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	0.821 J	< 1.3 U	< 0.79 U	< 1.2 U	0.561 J	0.151 J	1.7	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	0.175 J	< 0.78 U	2 J
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.62 U	**99.7**	< 1.2 U	< 1.4 U	< 4 U	2.02 J	**9.29 J**	< 2.1 U	0.463 J	**5.93**	**8.63**	**9.68**	< 1.3 U	< 0.79 U	< 1.2 U	**3.75**	1.08	2.06	< 6.1 U	< 0.72 U	**6.8**	**67.9**	< 0.56 U	2.64	**32.5**
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.25 U	**1.72 J**	< 0.48 U	< 0.57 U	< 1.6 U	0.851 J	**3.42 J**	< 0.83 U	0.115 J	**1.99**	**1.49**	**2.93**	< 0.52 U	< 0.32 U	0.138 J	**2.07**	0.863	**1.35**	< 2.5 U	< 0.29 U	**4.37**	**42.9**	< 0.22 U	**1.2**	**13.6**
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.62 U	**31.2**	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	2.69	2.83	2.72 J	< 1.3 U	< 0.79 U	< 1.2 U	1.06	0.321 J	0.602 J	< 6.1 U	< 0.72 U	0.988 J	**26.9**	< 0.56 U	0.642 J	**9.78**
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	0.78 J
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.25 U	**2.81**	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	0.317	< 0.3 U	0.131 J	< 2.5 U	< 0.29 U	0.547 J	**4.28**	< 0.22 U	< 0.31 U	**2.57**
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 UJ	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
BENZENE	**0.06**	44	89	NE	< 0.062 U	< 0.7 U	< 0.12 U	< 0.14 U	< 0.4 U	< 0.32 U	< 2.6 U	< 0.21 U	< 0.1 U	< 0.065 U	< 0.057 U	< 0.29 U	< 0.13 U	< 0.079 U	< 0.12 U	< 0.065 U	< 0.075 U	< 0.079 U	< 0.61 U	< 0.072 U	**0.511**	**0.219**	< 0.056 U	< 0.078 U	< 0.22 U
BROMOBENZENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
BROMOFORM	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
BROMOMETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 UJ	< 1.1 UJ	< 0.43 UJ	< 0.22 U	< 0.31 U	< 0.88 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	0.0367 J	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	0.298	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	**1.95**	**13.2**	< 0.22 U	0.234 J	< 0.88 U
CHLOROETHANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
CHLOROFORM	**0.37**	350	700	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	0.0625 J	< 0.22 U	< 0.31 U	< 0.88 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 UJ	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**1.83**	**5.31**	**41.9**	**44.4**	**251**	**125**	**439**	**57.5**	**5.34**	**7.33**	**6.72**	**104**	**44.4**	**42.8**	**5.23**	**17**	**0.536**	**28.7**	**355**	**0.539**	**199**	**36.5**	**14.5**	**1.04**	**1.37**
CYMENE	NE	NE	NE	NE	< 0.62 U	11.7	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	0.236 J	0.64	0.87 J	< 1.3 U	< 0.79 U	< 1.2 U	1.23	0.0944 J	0.205 J	< 6.1 U	< 0.72 U	0.475 J	15.4	< 0.56 U	0.466 J	3.02
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 UJ	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.25 U	**33.3**	< 0.48 U	< 0.57 U	< 1.6 U	**1.3**	**7.49 J**	< 0.83 U	< 0.41 U	0.305	**1.49**	**4.81**	0.333 J	0.126 J	< 0.49 U	**2.35**	**2.2**	**1.32**	< 2.5 U	< 0.29 U	**8.96**	**12.9**	0.251	**5.89**	**40.7**
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.62 U	6.04 J	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	0.103 J	0.461 J	0.583 J	< 1.3 U	< 0.79 U	< 1.2 U	0.227 J	0.14 J	0.152 J	< 6.1 U	< 0.72 U	0.71 J	7.12	< 0.56 U	0.4 J	4.69
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.25 U	**117**	**0.558**	**0.392 J**	**0.659 J**	**4.33**	**25.1**	< 0.83 U	**0.331 J**	**0.874**	**2.42**	**14**	**0.82**	**0.348**	**0.423 J**	**5.97**	**6.07**	**4.23**	**1.89 J**	< 0.29 U	**19.1**	**109**	**0.296**	**10.9**	**124**
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	**1.09 J**	**0.147 J**	< 0.22 U	< 0.31 U	< 0.88 U
NAPHTHALENE	**12**	500	1000	NE	< 0.62 U	**26.2 J**	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	0.217 J	1.79	0.595	1.34 J	< 1.3 U	< 0.79 U	< 1.2 UJ	8.53 J	0.995 J	0.707 J	< 6.1 U	< 0.72 UJ	7.77	8.09	0.786	< 0.78 U	6.94
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.62 U	16.1	< 1.2 U	< 1.4 U	< 4 U	0.216 J	< 26 U	< 2.1 U	< 1 U	1	1.62	1.29 J	< 1.3 U	< 0.79 U	< 1.2 U	0.594 J	0.127 J	0.354 J	< 6.1 U	< 0.72 U	< 2.8 U	14.5	0.0316 J	0.348 J	4.74
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.62 U	**9.3**	< 1.2 U	< 1.4 U	< 4 U	0.208 J	< 26 U	< 2.1 U	< 1 U	0.224 J	0.958	1.14 J	< 1.3 U	< 0.79 U	< 1.2 U	0.363 J	0.148 J	0.265 J	< 6.1 U	< 0.72 U	0.67 J	**8.14**	< 0.56 U	0.485 J	**4.6**
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.25 U	54.6	0.315 J	0.221 J	< 1.6 U	2.15	10.7 J	< 0.83 U	0.143 J	0.25 J	0.634	4.57	0.38 J	0.111 J	0.157 J	2.65	2.69	1.39	< 2.5 U	< 0.29 U	3.56	7.57	0.0683 J	2.23	1.85
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.62 U	6.48 J	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	0.235 J	0.771	0.646 J	< 1.3 U	< 0.79 U	< 1.2 U	0.252 J	< 0.75 U	0.134 J	< 6.1 U	< 0.72 U	0.412 J	9.66	< 0.56 U	0.223 J	2.18 J
STYRENE	NE	NE	NE	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.62 U	< 7 U	< 1.2 U	< 1.4 U	< 4 U	< 3.2 U	< 26 U	< 2.1 U	< 1 U	< 0.65 U	< 0.57 U	< 2.9 U	< 1.3 U	< 0.79 U	< 1.2 U	< 0.65 U	< 0.75 U	< 0.79 U	< 6.1 U	< 0.72 U	< 2.8 U	< 1.1 U	< 0.56 U	< 0.78 U	< 2.2 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 U	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.62 U	**207**	**6.73**	**4.6**	**15.5**	**19.9**	**244**	**2.64**	**1.42**	**0.932**	**3.82**	**24.9**	**6.63**	0.593 J	0.294 J	**27.5**	**19.7**	**5.77**	**8.81**	**0.72**	**50.7**	**33.4**	**2.12**	**2.34**	**5.17**
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	**0.349 J**	0.163 J	0.144 J	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	**0.548**	< 0.3 U	< 0.32 U	< 2.5 U	0.0879 J	**12.8**	**1.81**	**0.371**	< 0.31 U	< 0.88 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	0.107 J	**2.69 J**	0.383 J	0.368 J	**0.801 J**	**33.2**	**1900**	**4.59**	**18.3**	**1.35**	**1.55**	< 1.2 U	< 0.52 U	**10.4**	**72.3**	**18.3**	< 0.3 U	< 0.32 U	< 2.5 U	**2.74**	**131**	**58**	**4.82**	**1.77**	**1.26**
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 2.8 U	< 0.48 U	< 0.57 U	< 1.6 U	< 1.3 U	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	< 0.23 U	< 1.2 U	< 0.52 U	< 0.32 U	< 0.49 U	< 0.26 U	< 0.3 U	< 0.32 U	< 2.5 U	< 0.29 UJ	< 1.1 U	< 0.43 U	< 0.22 U	< 0.31 U	< 0.88 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	**0.302**	< 2.8 U	< 0.48 U	< 0.57 U	**4.49**	**0.635 J**	< 11 U	< 0.83 U	< 0.41 U	< 0.26 U	**1.33**	**1.5**	**4.16**	**3.13**	< 0.49 U	**4.57**	**0.236 J**	**1.18**	< 2.5 U	< 0.29 UJ	< 1.1 UJ	**2.03 J**	< 0.22 U	< 0.31 U	< 0.88 U
Total VOCs-CALC	NE	NE	NE	NE	**2.24**	**634**	**49.9**	**50**	**272**	**190**	**2640**	**64.7**	**26.7**	**25.5**	**36.2**	**177**	**56.7**	**57.7**	**78.5**	**98.1**	**35.4**	**50.6**	**366**	**4.12**	**453**	**480**	**23.6**	**30.8**	**262**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-639	DPT-639	DPT-642	DPT-642	DPT-642	DPT-642	DPT-642	DPT-645	DPT-645	DPT-645	DPT-645	DPT-645	DPT-645	DPT-645	DPT-651	DPT-651	DPT-651	DPT-651	DPT-651	DPT-656	DPT-656	DPT-657	DPT-657	DPT-657	DPT-661
					11/10/2014	11/10/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/14/2014	11/14/2014	11/10/2014	11/10/2014	11/10/2014	11/14/2014
	Unrestricted	Commercial	Industrial	TSCA	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft
					N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.042 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.042 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.049 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.042 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.042 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.049 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.042 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.042 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.049 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.042 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.042 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.049 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.042 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.04 U	< 0.042 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.049 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	14.1 J	< 0.039 U	1.74 J	2.22 J	0.655 J	0.187 J	< 0.038 U	< 0.041 U	< 0.04 UJ	0.409 J	7.46 J	3.34	< 0.04 U	< 0.039 U	< 0.038 U	8.22	4.34	0.268	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.049 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	34.5	148 J	4.99	2.53	1.52	0.32	< 0.038 U	11.1	0.0496 J	0.532 J	10.4	2.53 J	0.0157 J	< 0.039 U	1.13	6.93 J	0.765 J	0.0874 J	< 0.04 U	0.597	0.126	2.14	0.603	0.11	1.6
PCB, TOTAL	0.1	1	25	50	48.6	148	6.73	4.75	2.18	0.507	< 0.038 U	11.1	0.0496	0.941	17.9	5.87	0.0157	< 0.039 U	1.13	15.2	5.11	0.355	< 0.04 U	0.597	0.126	2.14	0.603	0.11	1.6
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
1,1,1-TRICHLOROETHANE	0.68	500	1000	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,1-DICHLOROETHANE	0.27	240	480	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,1-DICHLOROETHENE	0.33	500	1000	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	0.223 J	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	2.32	17.9	< 0.71 U	< 0.84 UJ	< 3.5 UJ	< 3 UJ	< 1.1 UJ	< 0.79 U	< 0.8 U	< 0.63 U	0.453 J	0.219 J	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 UJ	< 1.3 UJ	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 UJ
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	13.2	104	0.41 J	0.571 J	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	1.13 J	0.376 J	5.19	1.13	< 0.53 U	< 0.58 U	< 0.62 U	0.588 J	0.274 J	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
1,2,4-TRIMETHYLBENZENE	3.6	190	380	NE	19.5	36.8	0.594 J	4.81	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	2.83 J	0.51 J	9.83	5.66	< 0.53 U	< 0.58 U	< 0.62 U	1.73 J	9.05	1.36	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	0.223 J	0.0204	< 0.81 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 UJ	< 0.84 U	< 3.5 U	< 3 U	< 1.1 UJ	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,2-DICHLOROBENZENE	1.1	500	1000	NE	13.7	29.7	0.605	1.09	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	5.23 J	1.07 J	8.2	5.76	< 0.21 U	< 0.23 U	0.117 J	4.08 J	1.11	0.429	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	0.0105	< 0.32 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	380	NE	5.63	10.4	< 0.71 U	1.38	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	0.417 J	< 0.63 UJ	0.66 J	1.35	< 0.53 U	< 0.58 U	< 0.62 U	0.562 J	2.88	0.439 J	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	0.0089	< 0.81 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	0.9	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	1.67 J	0.315 J	0.924	0.612	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
1,4-DICHLOROBENZENE	1.8	130	250	NE	1.86	3.58	0.0624 J	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	2.84 J	0.46 J	1.36	1.15	< 0.21 U	< 0.23 U	< 0.25 U	0.847 J	1.25	0.189 J	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	0.00065 J	< 0.32 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
BENZENE	0.06	44	89	NE	< 0.12 U	< 0.18 U	< 0.071 U	< 0.084 U	< 0.35 U	< 0.3 U	< 0.11 U	< 0.079 U	< 0.08 U	< 0.063 U	< 0.078 U	< 0.054 U	< 0.053 U	< 0.058 U	< 0.062 U	< 0.065 UJ	< 0.058 U	< 0.059 U	< 0.057 U	< 0.061 U	< 0.13 U	< 0.00060 U	< 0.064 U	0.0012	< 0.081 U
BROMOBENZENE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
BROMOFORM	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 UJ	< 0.26 U	< 0.0024 UJ	< 0.32 U
BROMOMETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 UJ	< 1.4 UJ	< 1.2 UJ	< 0.44 UJ	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 UJ
CARBON TETRACHLORIDE	0.76	22	44	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
CHLOROBENZENE	1.1	500	1000	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	2.05 J	0.368 J	2.29	0.679	< 0.21 U	< 0.23 U	< 0.25 U	2.31 J	6.37	1.18	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
CHLOROETHANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 UJ
CHLOROFORM	0.37	350	700	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
CHLOROMETHANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
CIS-1,2-DICHLOROETHYLENE	0.25	500	1000	NE	1.12	28	0.548	0.503	129	136	55.6 J	0.585	0.63	0.496	28.6	0.131 J	14.2	7.89	0.678	0.141 J	< 0.23 U	< 0.24 U	11.5	0.701	13	0.00095 J	0.701	0.0095	7.51
CYMENE	NE	NE	NE	NE	1.8	3.44	0.0893 J	0.29 J	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	0.232 J	< 0.63 UJ		0.578	< 0.53 U	< 0.58 U	< 0.62 U	0.283 J	1.07	0.129 J	< 0.57 U	< 0.61 U	0.0788 J	< 0.0060 U	< 0.64 U	0.0024 J	< 0.81 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
DIBROMOMETHANE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 UJ	< 0.51 UJ	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
ETHYLBENZENE	1	390	780	NE	32.3	25.3	< 0.28 U	1.72	1.01 J	< 1.2 U	< 0.44 U	< 0.32 U	1.94 J	0.0873 J	17.6	5.6	< 0.21 U	< 0.23 U	< 0.25 U	0.729 J	0.179 J	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	1.06	0.0187	< 0.32 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	2.47	3.94	< 0.71 U	0.298 J	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	0.253 J	0.152 J	1.84	0.576	< 0.53 U	< 0.58 U	< 0.62 U	0.775 J	1.01	0.136 J	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	0.0646 J	0.0081	< 0.81 U
M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1000	NE	87.8	65.9	0.359	4.23	2.12	< 1.2 U	< 0.44 U	< 0.32 U	3.61 J	0.252 J	19	13.2	0.129 J	< 0.23 U	0.146 J	1.8 J	17.4	2.78	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	1.13	0.116	< 0.32 U
METHYLENE CHLORIDE	0.05	500	1000	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
NAPHTHALENE	12	500	1000	NE	4.82	6.54	0.321 J	0.881	< 3.5 U	< 3 U	< 1.1 UJ	< 0.79 U	0.886 J	< 0.63 UJ	1.1	1.48	< 0.53 U	< 0.58 U	< 0.62 U	2.26 J	2.01	0.169 J	< 0.57 U	0.171 J	0.372 J	< 0.0060 U	0.32 J	0.0034 J	< 0.81 U
N-BUTYLBENZENE	NE	NE	NE	NE	2.87	5.93	0.0999 J	0.672 J	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	0.698 J	0.214 J	1.54	1.02	< 0.53 U	< 0.58 U	< 0.62 U	2.03 J	1.73	0.224 J	< 0.57 U	< 0.61 U	0.104 J	< 0.0060 U	< 0.64 U	0.0017 J	< 0.81 U
N-PROPYLBENZENE	3.9	500	1000	NE	2.69	5.2	< 0.71 U	0.603 J	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	0.602 J	0.163 J	1.93	0.779	< 0.53 U	< 0.58 U	< 0.62 U	0.992 J	1.33	0.195 J	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	0.0558 J	0.0035 J	< 0.81 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	37	18.8	0.297	1.2	1.24 J	< 1.2 U	< 0.44 U	< 0.32 U	0.536 J	< 0.25 UJ	5	4.89	0.0699 J	< 0.23 U	< 0.25 U	0.275 J	< 0.23 U	0.0645 J	< 0.23 U	< 0.25 U	0.117 J	< 0.0024 U	0.283	0.0048	< 0.32 U
SEC-BUTYLBENZENE	11	500	1000	NE	1.3	2.7	< 0.71 U	0.281 J	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	0.24 J	0.217 J	0.937	0.478 J	< 0.53 U	< 0.58 U	< 0.62 U	1.34 J	0.802	0.1 J	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	0.0026 J	< 0.81 U
STYRENE	NE	NE	NE	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	< 0.0060 U	< 0.81 U
T-BUTYLBENZENE	5.9	500	1000	NE	< 1.2 U	< 1.8 U	< 0.71 U	< 0.84 U	< 3.5 U	< 3 U	< 1.1 U	< 0.79 U	< 0.8 U	< 0.63 U	< 0.78 U	< 0.54 U	< 0.53 U	< 0.58 U	< 0.62 U	< 0.65 UJ	< 0.58 U	< 0.59 U	< 0.57 U	< 0.61 U	< 1.3 U	< 0.0060 U	< 0.64 U	0.00057 J	< 0.81 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	0.138 J	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 U
TOLUENE	0.7	500	1000	NE	78.2	34.4	0.427 J	1.02	16.8	3.39	4.92 J	< 0.79 U	1.21 J	< 0.63 UJ	11.3	9.1	4.06	1.25	0.0800 J	1.67 J	0.122 J	< 0.59 U	5.08	0.108 J	0.333 J	< 0.0060 U	1.38	0.0106	0.0372 J
TRANS-1,2-DICHLOROETHENE	0.19	500	1000	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	1.37	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	0.25 J	< 0.0024 U	< 0.26 U	0.0015 J	0.392
TRICHLOROETHYLENE (TCE)	0.47	200	400	NE	< 0.47 U	< 0.71 U	9.5	0.291 J	1.08 J	< 1.2 U	214 J	0.541	0.615 J	< 0.25 UJ	1.63	< 0.22 U	21.8	17.4	7.4	0.974 J	< 0.23 U	< 0.24 U	17.5	1.67	53.6	0.0058	1.77	0.00082 J	8.16
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.47 U	< 0.71 U	< 0.28 U	< 0.33 U	< 1.4 U	< 1.2 U	< 0.44 U	< 0.32 U	< 0.32 U	< 0.25 U	< 0.31 U	< 0.22 U	< 0.21 U	< 0.23 U	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.51 U	< 0.0024 U	< 0.26 U	< 0.0024 U	< 0.32 UJ
VINYL CHLORIDE	0.02	13	27	NE	0.797	< 0.71 U	< 0.28 U	< 0.33 UJ	< 1.4 UJ	1.83 J	< 0.44 UJ	< 0.32 U	< 0.32 U	< 0.25 U	1.96	< 0.22 U	< 0.21 U	0.136 J	< 0.25 U	< 0.26 UJ	< 0.23 U	< 0.24 U	< 0.23 U	< 0.25 UJ	< 0.51 UJ	< 0.0024 U	< 0.26 U	0.0041	< 0.32 UJ
Total VOCs-CALC	NE	NE	NE	NE	310	403	13.3	19.8	151	141	275	1.13	27.6	4.68	124	54.4	40.3	26.7	8.42	23.4	46.6	7.39	34.1	2.65	68	0.0068	6.99	0.23	16.1

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-661	DPT-662	DPT-662	DPT-662	DPT-662	DPT-663	DPT-663	DPT-663	DPT-663	DPT-668	DPT-668	DPT-669	DPT-669	DPT-669	DPT-669	DPT-669	DPT-670	DPT-670	DPT-675	DPT-675	DPT-675	DPT-675	DPT-679	DPT-679	DPT-679
					11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/14/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/14/2014	11/14/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/14/2014	11/14/2014	11/10/2014	11/10/2014	11/10/2014	11/10/2014	11/3/2014	11/3/2014	11/3/2014
	Unrestricted	Commercial	Industrial	TSCA	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.037 U	< 0.044 U	< 0.038 U	< 0.041 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.037 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.056 U	< 0.061 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.037 U	< 0.044 U	< 0.038 U	< 0.041 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.037 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.056 U	< 0.061 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.037 U	< 0.044 U	< 0.038 U	< 0.041 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.037 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.056 U	< 0.061 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.037 U	< 0.044 U	< 0.038 U	< 0.041 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.037 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.056 U	< 0.061 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.037 U	< 0.044 U	< 0.038 U	< 0.041 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.037 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.038 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.056 U	< 0.061 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.04 U	< 0.039 U	< 0.037 U	0.554 J	0.336 J	< 0.041 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.038 U	< 0.037 U	0.202 J	0.327 J	< 0.039 U	< 0.038 U	< 0.039 U	< 0.037 U	< 0.039 U	< 0.039 U	0.0399 J	0.0289 J	0.0751	0.188
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.0447	9.14	0.0678	1.55	0.662	1.08	0.0593	< 0.04 U	< 0.038 U	0.591	56.8	43.9	0.881	0.287	0.418	< 0.039 U	11.4	0.137	0.914	0.0257 J	0.0189 J	0.0482	0.11	0.0289 J	0.0488 J
PCB, TOTAL	**0.1**	**1**	**25**	**50**	0.0447	**9.14**	0.0678	**2.1**	**0.998**	**1.08**	0.0593	< 0.04 U	< 0.038 U	**0.591**	**56.8**	**43.9**	**0.881**	**0.489**	**0.745**	< 0.039 U	**11.4**	**0.137**	**0.914**	0.0257	0.0189	0.0881	**0.139**	**0.104**	**0.237**
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0021 U	0.17 J	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 UJ	< 0.0049 U	< 0.68 UJ	< 0.5 UJ	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 UJ	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0053 U	0.138 J	< 0.0049 U	< 0.68 U	0.0932 J	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	**8.8**	**5.9**	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	1.75	0.959	0.369 J	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	0.0608	0.0634	< 0.0057 U	< 0.016 U	< 0.013 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0021 U	< 0.46 U	0.0051	0.276	**2.13**	< 0.0027 U	< 0.0025 U	< 0.0022 U	0.0063	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	0.0722 J	0.244 J	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	0.0159	0.0055	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0053 U	< 1.1 U	0.0021 J	2.98	1.56	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	0.588 J	0.275 J	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	0.0160	0.0093	< 0.0057 U	< 0.016 U	< 0.013 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	0.536	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0021 U	< 0.46 U	0.0014 J	0.204 J	0.553	< 0.0027 U	< 0.0025 U	< 0.0022 U	0.00039 J	< 0.51 U	< 0.0026 U	0.0973 J	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	0.0027	0.0034	< 0.0023 U	< 0.0064 U	< 0.0052 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
BENZENE	**0.06**	44	89	NE	0.00061	< 0.11 U	0.00037 J	< 0.068 U	< 0.05 U	0.00093	0.00071	0.0017	0.0013	< 0.13 U	< 0.00064 U	**0.141**	< 0.1 U	< 0.091 U	< 0.059 U	< 0.071 U	< 0.00050 U	< 0.00047 U	< 0.00048 U	0.00064	0.00082	0.00076	0.00059	< 0.0016 U	< 0.0013 U
BROMOBENZENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
BROMOFORM	NE	NE	NE	NE	< 0.0021 UJ	< 0.46 U	< 0.0020 UJ	< 0.27 U	< 0.2 U	< 0.0027 UJ	< 0.0025 UJ	< 0.0022 UJ	< 0.0019 UJ	< 0.51 U	< 0.0026 UJ	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 UJ	< 0.0019 UJ	< 0.0019 UJ	< 0.0021 UJ	< 0.0018 UJ	< 0.0021 UJ	< 0.0023 U	< 0.0064 U	< 0.0052 U
BROMOMETHANE	NE	NE	NE	NE	< 0.0021 U	< 0.46 UJ	< 0.0020 U	< 0.27 UJ	< 0.2 UJ	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 UJ	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0021 UJ	< 0.46 U	< 0.0020 UJ	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 UJ	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 UJ	< 0.0019 UJ	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0021 U	< 0.46 U	0.0146	**1.73**	**1.74**	< 0.0027 U	< 0.0025 U	< 0.0022 U	0.0011 J	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	0.348 J	0.216 J	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	0.0404	0.0414	< 0.0023 U	< 0.0064 U	< 0.0052 U
CHLOROETHANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 UJ	< 0.0049 U	< 0.68 UJ	< 0.5 UJ	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 UJ	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
CHLOROFORM	**0.37**	350	700	NE	< 0.0021 U	0.103 J	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.0053 UJ	< 1.1 U	< 0.0049 UJ	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 UJ	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 UJ	< 0.0047 UJ	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	0.0217	**19.3**	0.0022	**38**	< 0.2 U	0.0246	< 0.0025 U	< 0.0022 U	0.0024	**0.69**	0.0123	< 0.24 U	**0.442**	< 0.36 U	< 0.24 U	**1.7**	< 0.0020 U	0.0017 J	< 0.0019 U	0.0039	0.0034	0.0013 J	< 0.0023 U	< 0.0064 U	< 0.0052 U
CYMENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	0.00051 J	1.27	< 0.5 U	0.00089 J	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	0.0831 J	0.0803 J	0.212 J	0.101 J	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	0.00050 J	0.0043 J	0.0084	< 0.0057 U	< 0.016 U	< 0.013 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0021 UJ	< 0.46 U	< 0.0020 UJ	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 UJ	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 UJ	< 0.0019 UJ	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0021 U	< 0.46 U	0.0024	**1.47**	**3.37**	0.0024 J	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	0.194 J	0.967	**1.49**	0.566	**4.52**	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.0027	0.0083	0.0027	< 0.0023 U	< 0.0064 U	< 0.0052 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	0.0011 J	1.24	0.878	0.0021 J	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	0.0684 J	0.349 J	0.149 J	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	0.00044 J	0.0164	0.0151	< 0.0057 U	< 0.016 U	< 0.013 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	0.00081 J	< 0.46 U	0.0030	**43.6**	**24.7**	0.0012 J	< 0.0025 U	0.0018 J	0.0010 J	< 0.51 U	< 0.0026 U	0.249	**1.41**	**13.9**	**6.52**	**10.8**	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.0050	0.0855	0.144	< 0.0023 U	< 0.0064 U	< 0.0052 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	**0.204 J**	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
NAPHTHALENE	**12**	500	1000	NE	< 0.0053 U	0.28 J	0.0070	1.98	1.78	0.0069	0.0010 J	0.00085 J	0.00060 J	< 1.3 U	< 0.0064 U	**41**	**78.7**	**39.4**	0.212 J	< 0.71 U	< 0.0050 U	< 0.0047 U	0.0011 J	0.0023 J	0.0126	0.0031 J	< 0.0057 U	< 0.016 U	< 0.013 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	0.00070 J	1.63	1.31	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	0.0476 J	< 1 U	0.321 J	0.173 J	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	0.0047	0.0101	< 0.0057 U	< 0.016 U	< 0.013 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0053 U	< 1.1 U	0.0010 J	1.29	0.971	0.0011 J	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	0.275 J	0.135 J	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	0.0086	0.0111	< 0.0057 U	< 0.016 U	< 0.013 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	0.00031 J	< 0.46 U	0.00046 J	0.214 J	0.819	0.00067 J	< 0.0025 U	0.0015 J	0.00045 J	< 0.51 U	< 0.0026 U	0.0981 J	0.214 J	0.233 J	< 0.24 U	1.93	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.0022	0.0022	0.0014 J	< 0.0023 U	< 0.0064 U	< 0.0052 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	0.728	0.553	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	0.0053	0.0073	< 0.0057 U	< 0.016 U	< 0.013 U
STYRENE	NE	NE	NE	NE	< 0.0053 U	< 1.1 U	< 0.0049 U	< 0.68 U	< 0.5 U	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	< 0.0046 U	< 0.0053 U	< 0.0057 U	< 0.016 U	< 0.013 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0053 U	< 1.1 U	0.00036 J	< 0.68 U	0.0883 J	< 0.0066 U	< 0.0063 U	< 0.0056 U	< 0.0048 U	< 1.3 U	< 0.0064 U	< 0.6 U	< 1 U	< 0.91 U	< 0.59 U	< 0.71 U	< 0.0050 U	< 0.0047 U	< 0.0048 U	< 0.0052 U	0.0011 J	0.00099 J	< 0.0057 U	< 0.016 U	< 0.013 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0021 U	< 0.46 U	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0021 U	0.172 J	< 0.0020 U	< 0.27 U	< 0.2 U	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
TOLUENE	**0.7**	**500**	**1000**	NE	0.0010 J	0.0850 J	0.0035 J	**3.22**	**2.33**	0.0013 J	0.00068 J	0.00062 J	0.0023 J	0.158 J	0.0020 J	0.528 J	**0.71 J**	0.509 J	< 0.59 U	0.622 J	0.00037 J	< 0.0047 U	< 0.0048 U	0.0025 J	0.0089	0.0035 J	0.00061 J	< 0.016 U	< 0.013 U
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	0.0010 J	**0.54**	< 0.0020 U	0.152 J	< 0.2 U	0.0041	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 U	< 0.0026 U	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.0016 J	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	0.0132	**9.54**	0.0038	**3.24**	**1.2**	0.0072	< 0.0025 U	< 0.0022 U	0.0036	**2.34**	0.0164	0.187 J	< 0.4 U	< 0.36 U	< 0.24 U	**4.82**	0.0026	< 0.0019 U	0.0039	0.0101	< 0.0018 U	0.0032	< 0.0023 U	< 0.0064 U	< 0.0052 U
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0021 UJ	< 0.46 UJ	< 0.0020 UJ	< 0.27 UJ	< 0.2 UJ	< 0.0027 U	< 0.0025 U	< 0.0022 U	< 0.0019 U	< 0.51 UJ	< 0.0026 UJ	< 0.24 U	< 0.4 U	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 UJ	< 0.0019 UJ	< 0.0019 U	< 0.0021 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0021 UJ	< 0.46 UJ	< 0.0020 UJ	**0.567 J**	< 0.2 UJ	0.0103	0.0017 J	< 0.0022 U	< 0.0019 U	< 0.51 UJ	< 0.0026 UJ	< 0.24 U	**0.451**	< 0.36 U	< 0.24 U	< 0.29 U	< 0.0020 UJ	0.0038 J	< 0.0019 U	0.0035	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0064 U	< 0.0052 U
Total VOCs-CALC	NE	NE	NE	NE	0.0386	**30.3**	0.0496	**113**	**50.5**	0.0637	0.0041	0.0065	0.019	**3.19**	0.0307	**42.6**	**83**	**59.4**	**9.38**	**25**	0.0030	0.0055	0.0050	0.0354	0.298	0.336	0.0012	< 0.016 U	< 0.013 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-680	DPT-680	DPT-680	DPT-680	DPT-681	DPT-681	DPT-681	DPT-682	DPT-682	DPT-682	DPT-683	DPT-683	DPT-683
					10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
	Unrestricted	Commercial	Industrial	TSCA	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																	
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.037 U	< 0.048 U	< 0.061 U	< 0.065 U	< 0.036 U	< 0.044 U	< 0.05 U	< 0.039 U	< 0.045 U	< 0.045 U	< 0.038 U	< 0.047 U	< 0.056 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.037 U	< 0.048 U	< 0.061 U	< 0.065 U	< 0.036 U	< 0.044 U	< 0.05 U	< 0.039 U	< 0.045 U	< 0.045 U	< 0.038 U	< 0.047 U	< 0.056 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.037 U	< 0.048 U	< 0.061 U	< 0.065 U	< 0.036 U	< 0.044 U	< 0.05 U	< 0.039 U	< 0.045 U	< 0.045 U	< 0.038 U	< 0.047 U	< 0.056 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.037 U	< 0.048 U	< 0.061 U	< 0.065 U	< 0.036 U	< 0.044 U	< 0.05 U	< 0.039 U	< 0.045 U	< 0.045 U	< 0.038 U	< 0.047 U	< 0.056 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.037 U	< 0.048 U	< 0.061 U	< 0.065 U	< 0.036 U	< 0.044 U	< 0.05 U	< 0.039 U	< 0.045 U	< 0.045 U	< 0.038 U	< 0.047 U	< 0.056 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.037 U	< 0.048 U	0.0731	0.565	< 0.036 U	0.166	0.146	0.0254 J	0.0721 J	0.199	< 0.038 U	1.13	0.0304 J
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.145	0.315	< 0.061 U	0.0931 J	0.346	0.0612 J	0.0606 J	0.0295 J	0.172	0.141 J	0.119	0.361 J	0.0336 J
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**0.145**	**0.315**	0.0731	**0.658**	**0.346**	**0.227**	**0.207**	0.0549	**0.244**	**0.34**	**0.119**	**1.49**	0.064
VOCs																	
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	< 0.0079 UJ
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	< 0.0079 UJ
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
BENZENE	**0.06**	44	89	NE	< 0.00077 U	< 0.0011 U	< 0.0013 U	< 0.0014 UJ	0.0013	< 0.00087 UJ	< 0.00091 U	0.00037 J	< 0.00076 UJ	< 0.00077 U	0.00049 J	< 0.00095 U	< 0.00079 UJ
BROMOBENZENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	< 0.0079 UJ
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
BROMOFORM	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
BROMOMETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
CHLOROETHANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	< 0.0079 UJ
CHLOROFORM	**0.37**	350	700	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
CHLOROMETHANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	< 0.0079 UJ
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	0.0014 J	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
CYMENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	0.00064 J	< 0.0054 U	< 0.0095 U	R
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	< 0.0079 UJ
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
NAPHTHALENE	**12**	500	1000	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	R
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
STYRENE	NE	NE	NE	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0077 U	< 0.011 U	< 0.013 U	< 0.014 UJ	< 0.0046 U	< 0.0087 UJ	< 0.0091 U	< 0.0043 U	< 0.0076 UJ	< 0.0077 U	< 0.0054 U	< 0.0095 U	R
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	0.00089 J	< 0.0038 U	R
TOLUENE	**0.7**	**500**	**1000**	NE	0.00044 J	< 0.011 U	< 0.013 U	< 0.014 UJ	0.00069 J	< 0.0087 UJ	< 0.0091 U	0.00036 J	< 0.0076 UJ	< 0.0077 U	0.00040 J	< 0.0095 U	< 0.0079 UJ
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	0.0031	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	0.0041	< 0.0038 U	< 0.0031 UJ
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0031 U	< 0.0044 U	< 0.0051 U	< 0.0056 UJ	< 0.0019 U	< 0.0035 UJ	< 0.0037 U	< 0.0017 U	< 0.0031 UJ	< 0.0031 U	< 0.0021 U	< 0.0038 U	< 0.0031 UJ
Total VOCs-CALC	NE	NE	NE	NE	0.00044	< 0.011 U	< 0.013 U	< 0.014 U	0.0065	< 0.0087 U	< 0.0091 U	0.00073	< 0.0076 U	0.00064	0.0059	< 0.0095 U	< 0.0079 U

Chemical Name	DPT-684	DPT-684	DPT-684	DPT-685	DPT-685	DPT-685	DPT-686	DPT-686	DPT-686	DPT-687	DPT-687	DPT-687
	11/3/2014	11/3/2014	11/3/2014	10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/31/2014	10/30/2014	10/30/2014	10/30/2014
	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft
	N	N	N	N	N	N	N	N	N	N	N	FD
PCB's												
PCB-1016 (AROCLOR 1016)	< 0.038 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.064 U	< 0.074 U	< 0.039 U	< 0.059 U	< 0.052 U	< 0.037 U	< 0.044 U	< 0.043 U
PCB-1221 (AROCLOR 1221)	< 0.038 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.064 U	< 0.074 U	< 0.039 U	< 0.059 U	< 0.052 U	< 0.037 U	< 0.044 U	< 0.043 U
PCB-1232 (AROCLOR 1232)	< 0.038 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.064 U	< 0.074 U	< 0.039 U	< 0.059 U	< 0.052 U	< 0.037 U	< 0.044 U	< 0.043 U
PCB-1242 (AROCLOR 1242)	< 0.038 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.064 U	< 0.074 U	< 0.039 U	< 0.059 U	< 0.052 U	< 0.037 U	< 0.044 U	< 0.043 U
PCB-1248 (AROCLOR 1248)	< 0.038 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.064 U	< 0.074 U	< 0.039 U	< 0.059 U	< 0.052 U	< 0.037 U	< 0.044 U	< 0.043 U
PCB-1254 (AROCLOR 1254)	< 0.038 U	0.152	< 0.039 U	< 0.04 U	< 0.064 U	< 0.074 U	0.173 J	< 0.059 U	< 0.052 U	0.302 J	0.147 J	0.0803 J
PCB-1260 (AROCLOR 1260)	0.636	0.0484 J	0.277	0.274	< 0.064 U	< 0.074 U	0.247	< 0.059 U	< 0.052 U	0.784	0.371	0.18
PCB, TOTAL	**0.636**	**0.2**	**0.277**	**0.274**	< 0.064 U	< 0.074 U	**0.42**	< 0.059 U	< 0.052 U	**1.09**	**0.518**	**0.26**
VOCs												
1,1,1,2-TETRACHLOROETHANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,1,1-TRICHLOROETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,1,2,2-TETRACHLOROETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,1,2-TRICHLOROETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,1-DICHLOROETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,1-DICHLOROETHENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,1-DICHLOROPROPENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,2,3-TRICHLOROBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,2,3-TRICHLOROPROPANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,2,4-TRICHLOROBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,2,4-TRIMETHYLBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,2-DIBROMO-3-CHLOROPROPANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,2-DICHLOROBENZENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,2-DICHLOROETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,2-DICHLOROPROPANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,3-DICHLOROBENZENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
1,3-DICHLOROPROPANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
1,4-DICHLOROBENZENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
2,2-DICHLOROPROPANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
2-CHLOROTOLUENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
4-CHLOROTOLUENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
BENZENE	0.00091	< 0.00061 U	< 0.00066 U	0.0012	< 0.21 U	< 0.0016 U	0.00060 J	< 0.0015 U	< 0.0011 U	< 0.00054 UJ	< 0.00081 U	< 0.00082 U
BROMOBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
BROMOCHLOROMETHANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
BROMODICHLOROMETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
BROMOFORM	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
BROMOMETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
CARBON TETRACHLORIDE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	**1.78**	< 0.0064 U	< 0.0027 U	0.0013 J	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
CHLOROBENZENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
CHLOROETHANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
CHLOROFORM	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	**5.83**	0.0090	< 0.0027 U	0.0048 J	0.0021 J	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
CHLOROMETHANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
CIS-1,2-DICHLOROETHYLENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
CYMENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
DIBROMOCHLOROMETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
DIBROMOMETHANE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
DICHLORODIFLUOROMETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	0.0031 J	< 0.0027 U	< 0.0059 U	0.0019 J	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
ETHYLBENZENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	**1.19**	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
HEXACHLOROBUTADIENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
ISOPROPYLBENZENE (CUMENE)	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
M,P-XYLENE (SUM OF ISOMERS)	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	**1.07**	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
METHYLENE CHLORIDE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
NAPHTHALENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	0.0058 J	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
N-BUTYLBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
N-PROPYLBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	0.364 J	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
SEC-BUTYLBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
STYRENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
T-BUTYLBENZENE	< 0.0077 U	< 0.0061 U	< 0.0066 U	< 0.011 U	< 2.1 U	< 0.016 U	< 0.0068 U	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
TERT-BUTYL METHYL ETHER	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
TETRACHLOROETHYLENE(PCE)	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
TOLUENE	0.0010 J	< 0.0061 U	< 0.0066 U	0.0015 J	**2.75**	< 0.016 U	0.00070 J	< 0.015 U	< 0.011 U	< 0.0054 UJ	< 0.0081 U	< 0.0082 U
TRANS-1,2-DICHLOROETHENE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
TRICHLOROETHYLENE (TCE)	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	0.461 J	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
TRICHLOROFLUOROMETHANE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
VINYL CHLORIDE	< 0.0031 U	< 0.0025 U	< 0.0026 U	< 0.0046 U	< 0.83 U	< 0.0064 U	< 0.0027 U	< 0.0059 U	< 0.0044 U	< 0.0022 UJ	< 0.0032 U	< 0.0033 U
Total VOCs-CALC	0.0019	< 0.0061 U	< 0.0066 U	0.0027	**13.4**	0.012	0.0071	0.0061	0.0040	< 0.0054 U	< 0.0081 U	< 0.0082 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-687	DPT-688	DPT-688	DPT-688	DPT-689	DPT-689	DPT-689	DPT-690	DPT-690	DPT-690	DPT-691	DPT-691	DPT-691	DPT-691	DPT-692	DPT-692	DPT-692	DPT-693	DPT-693	DPT-693	DPT-694	DPT-694	DPT-694	DPT-695	DPT-695
	Unrestricted	Commercial	Industrial	TSCA	10/30/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/28/2014	10/28/2014	10/28/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	10/31/2014	10/31/2014	10/31/2014	10/30/2014	10/30/2014	10/30/2014	10/29/2014	10/29/2014
					8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft
					N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.056 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.037 U	< 0.042 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.061 U	< 0.058 U	< 0.065 U	< 0.037 U	< 0.058 U	< 0.052 U	< 0.037 U	< 0.058 U	< 0.079 U	< 0.038 U	< 0.048 U	< 0.055 U	< 0.037 U	< 0.057 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.056 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.037 U	< 0.042 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.061 U	< 0.058 U	< 0.065 U	< 0.037 U	< 0.058 U	< 0.052 U	< 0.037 U	< 0.058 U	< 0.079 U	< 0.038 U	< 0.048 U	< 0.055 U	< 0.037 U	< 0.057 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.056 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.037 U	< 0.042 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.061 U	< 0.058 U	< 0.065 U	< 0.037 U	< 0.058 U	< 0.052 U	< 0.037 U	< 0.058 U	< 0.079 U	< 0.038 U	< 0.048 U	< 0.055 U	< 0.037 U	< 0.057 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.056 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.037 U	< 0.042 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.039 U	< 0.041 U	< 0.061 U	< 0.058 U	< 0.065 U	< 0.037 U	< 0.058 U	< 0.052 U	< 0.037 U	< 0.058 U	< 0.079 U	< 0.038 U	< 0.048 U	< 0.055 U	< 0.037 U	< 0.057 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.056 U	< 0.038 U	< 0.041 U	< 0.04 U	< 0.037 U	< 0.042 U	< 0.04 U	0.143 J	< 0.038 U	< 0.039 U	< 0.041 U	< 0.061 U	< 0.058 U	< 0.065 U	< 0.037 U	< 0.058 U	< 0.052 U	< 0.037 U	< 0.058 U	< 0.079 U	< 0.038 U	< 0.048 U	< 0.055 U	0.0778 J	< 0.057 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	0.0755	< 0.038 U	< 0.041 U	0.115 J	0.367 J	< 0.042 U	0.0180 J	0.419 J	< 0.038 U	< 0.039 U	0.254 J	0.0303 J	0.0462 J	0.0503 J	0.0643 J	< 0.058 U	< 0.052 U	0.0339 J	< 0.058 U	< 0.079 U	< 0.038 U	0.141 J	0.0354 J	0.563	< 0.057 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.0238 J	0.648	5.84	0.248	0.484	0.265 J	0.0469	0.838	0.769	0.572	0.416	0.0479 J	0.0998	0.131	0.174	< 0.058 U	< 0.052 U	0.0895	0.0267 J	< 0.079 U	0.478	0.181	0.0394 J	0.474 J	< 0.057 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	0.0993	**0.648**	**5.84**	**0.363**	**0.851**	**0.265**	0.0649	**1.4**	**0.769**	**0.572**	**0.67**	0.0782	**0.146**	**0.181**	**0.238**	< 0.058 U	< 0.052 U	**0.123**	0.0267	< 0.079 U	**0.478**	**0.322**	0.0748	**1.11**	< 0.057 U
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	0.00044 J	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 UJ	< 0.0049 UJ	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 UJ	< 0.0049 UJ	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 UJ	< 0.0049 UJ	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 UJ	< 0.0049 UJ	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
BENZENE	**0.06**	44	89	NE	< 0.0012 U	< 0.00056 U	< 0.00073 U	< 0.00071 U	< 0.00072 U	< 0.00083 UJ	< 0.00057 U	< 0.086 U	< 0.00056 U	< 0.00084 U	< 0.00077 U	< 0.0015 U	< 0.0013 U	< 0.0014 U	0.00063	< 0.0015 U	< 0.00096 U	< 0.00058 U	< 0.0013 U	< 0.0012 U	0.00053 J	< 0.0011 U	< 0.0011 U	< 0.00066 U	< 0.0014 U
BROMOBENZENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
BROMOFORM	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 UJ	< 0.0059 UJ	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
BROMOMETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	0.0031	0.0311	0.0264 J	0.0027 J	< 0.0024 U	0.0232	0.0067	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
CHLOROETHANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
CHLOROFORM	**0.37**	350	700	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	0.00094 J	0.0050 J	0.0124 J	0.0067	< 0.0024 U	0.0252	0.0132	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	0.0013 J	0.0016 J	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
CYMENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	0.0096	0.0127	< 0.0023 U	0.0336 J	0.0205 J	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	0.133 J	< 0.0022 U	< 0.0033 U	< 0.0031 U	0.0024 J	0.0016 J	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
NAPHTHALENE	**12**	500	1000	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	5.93	0.0029 J	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	0.0028 J	0.0015 J	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
STYRENE	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 U	< 0.012 U	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	< 0.015 U	< 0.013 U	< 0.014 U	< 0.0060 U	< 0.015 U	< 0.0096 U	< 0.0058 U	< 0.013 UJ	< 0.012 UJ	< 0.0057 U	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	< 0.0072 U	< 0.0083 UJ	< 0.0057 U	< 0.86 U	< 0.0056 U	< 0.0084 U	< 0.0077 U	0.0044 J	0.0030 J	< 0.014 U	0.00074 J	< 0.015 U	< 0.0096 U	0.00050 J	< 0.013 U	< 0.012 U	0.00048 J	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	0.0014 J	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	0.0020 J	< 0.0056 U	0.0020 J	< 0.0059 U	< 0.0038 U	0.00067 J	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0048 U	< 0.0023 U	< 0.0029 U	< 0.0028 U	< 0.0029 U	< 0.0033 UJ	< 0.0023 U	< 0.35 U	< 0.0022 U	< 0.0033 U	< 0.0031 U	< 0.0060 U	< 0.0051 U	< 0.0056 U	< 0.0024 U	< 0.0059 U	< 0.0038 U	< 0.0023 U	< 0.0051 U	< 0.0049 U	< 0.0023 U	< 0.0043 U	< 0.0043 U	< 0.0026 U	< 0.0054 U
Total VOCs-CALC	NE	NE	NE	NE	< 0.012 U	< 0.0056 U	< 0.0073 U	< 0.0071 U	0.0027	0.0016	< 0.0057 U	6.06	0.0029	< 0.0084 U	0.0040	0.0457	0.0469	0.0094	0.0038	0.0580	0.0326	0.0012	0.0336	0.0205	0.0010	< 0.011 U	< 0.011 U	< 0.0066 U	< 0.014 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives: Unrestricted	Commercial	Industrial	TSCA	DPT-695	DPT-696	DPT-696	DPT-697	DPT-697	DPT-697	DPT-698	DPT-698
					10/29/2014	10/29/2014	10/29/2014	10/28/2014	10/28/2014	10/28/2014	11/3/2014	11/3/2014
					8 - 12 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft
					N	N	N	N	N	N	N	N
PCB's												
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.041 U	< 0.04 U	< 0.043 U	< 0.043 U	< 0.045 U	< 0.062 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.041 U	< 0.04 U	< 0.043 U	< 0.043 U	< 0.045 U	< 0.062 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.041 U	< 0.04 U	< 0.043 U	< 0.043 U	< 0.045 U	< 0.062 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.041 U	< 0.04 U	< 0.043 U	< 0.043 U	< 0.045 U	< 0.062 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.041 U	< 0.04 U	< 0.043 U	< 0.043 U	< 0.045 U	< 0.062 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	0.386 J	0.149 J	< 0.041 U	0.187 J	< 0.043 U	< 0.043 U	< 0.045 U	< 0.062 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.474	0.508	0.201	0.364	0.0908	0.0475 J	0.0573	< 0.062 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**0.86**	**0.657**	**0.201**	**0.551**	0.0908	0.0475	0.0573	< 0.062 U
VOCs												
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 UJ	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	R	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	R	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	R	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	R	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
BENZENE	**0.06**	44	89	NE	< 0.00067 U	< 0.00055 U	< 0.00053 U	< 0.00087 U	< 0.0017 U	< 0.00052 UJ	< 0.00087 U	< 0.0015 UJ
BROMOBENZENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
BROMOFORM	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 UJ	< 0.0060 UJ
BROMOMETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
CHLOROETHANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
CHLOROFORM	**0.37**	350	700	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
CHLOROMETHANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
CYMENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
NAPHTHALENE	**12**	500	1000	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
STYRENE	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 UJ	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	R	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 UJ	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	< 0.0087 U	< 0.017 U	< 0.0052 UJ	< 0.0087 U	< 0.015 UJ
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	0.0019 J	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0027 U	< 0.0022 U	< 0.0021 U	< 0.0035 U	< 0.0068 U	< 0.0021 UJ	< 0.0035 U	< 0.0060 UJ
Total VOCs-CALC	NE	NE	NE	NE	< 0.0067 U	< 0.0055 U	< 0.0053 U	0.0019	< 0.017 U	< 0.0052 U	< 0.0087 U	< 0.015 U

Chemical Name	DPT-698	DPT-699	DPT-699	DPT-699	DPT-700	DPT-700	DPT-700	DPT-700	DPT-701
	11/3/2014	11/3/2014	11/3/2014	11/3/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 4 ft
	N	N	N	N	N	N	N	N	N
PCB's									
PCB-1016 (AROCLOR 1016)	< 0.077 U	< 0.041 U	< 0.063 U	< 0.065 U	< 0.037 U	< 0.041 U	< 0.07 U	< 0.041 U	< 0.041 U
PCB-1221 (AROCLOR 1221)	< 0.077 U	< 0.041 U	< 0.063 U	< 0.065 U	< 0.037 U	< 0.041 U	< 0.07 U	< 0.041 U	< 0.041 U
PCB-1232 (AROCLOR 1232)	< 0.077 U	< 0.041 U	< 0.063 U	< 0.065 U	< 0.037 U	< 0.041 U	< 0.07 U	< 0.041 U	< 0.041 U
PCB-1242 (AROCLOR 1242)	< 0.077 U	< 0.041 U	< 0.063 U	< 0.065 U	< 0.037 U	< 0.041 U	< 0.07 U	< 0.041 U	< 0.041 U
PCB-1248 (AROCLOR 1248)	< 0.077 U	< 0.041 U	< 0.063 U	< 0.065 U	< 0.037 U	< 0.041 U	< 0.07 U	< 0.041 U	< 0.041 U
PCB-1254 (AROCLOR 1254)	< 0.077 U	< 0.041 U	< 0.063 U	< 0.065 U	0.0229 J	0.0218 J	9.29	< 0.041 U	< 0.041 U
PCB-1260 (AROCLOR 1260)	< 0.077 U	0.36	< 0.063 U	< 0.065 U	0.0726	0.0292 J	3.33 J	< 0.041 U	0.735 J
PCB, TOTAL	< 0.077 U	**0.36**	< 0.063 U	< 0.065 U	0.0955	0.051	**12.6**	< 0.041 U	**0.735**
VOCs									
1,1,1,2-TETRACHLOROETHANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,1,1-TRICHLOROETHANE	0.395 J	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	**2.56 J**	< 0.25 U	0.0050
1,1,2,2-TETRACHLOROETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,1,2-TRICHLOROETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,1-DICHLOROETHANE	**0.576 J**	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,1-DICHLOROETHENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,1-DICHLOROPROPENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,2,3-TRICHLOROBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,2,3-TRICHLOROPROPANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,2,4-TRICHLOROBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,2,4-TRIMETHYLBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**996**	0.775	< 0.0074 U
1,2-DIBROMO-3-CHLOROPROPANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,2-DICHLOROBENZENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,2-DICHLOROETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,2-DICHLOROPROPANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**399**	0.232 J	< 0.0074 U
1,3-DICHLOROBENZENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
1,3-DICHLOROPROPANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
1,4-DICHLOROBENZENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
2,2-DICHLOROPROPANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
2-CHLOROTOLUENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
4-CHLOROTOLUENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
BENZENE	< 0.2 U	0.00074	< 0.0015 U	< 0.0014 U	< 0.00058 U	< 0.00069 U	< 2.6 U	< 0.063 U	< 0.00074 U
BROMOBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
BROMOCHLOROMETHANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
BROMODICHLOROMETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
BROMOFORM	< 0.79 U	< 0.0029 UJ	< 0.0060 UJ	< 0.0055 UJ	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
BROMOMETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
CARBON TETRACHLORIDE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	0.0014 J
CHLOROBENZENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
CHLOROETHANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
CHLOROFORM	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	**3.38 J**	< 0.25 U	0.0018 J
CHLOROMETHANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
CIS-1,2-DICHLOROETHYLENE	**11.7**	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	**31.2**	< 0.25 U	< 0.0030 U
CYMENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	74.1	0.0555 J	< 0.0074 U
DIBROMOCHLOROMETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
DIBROMOMETHANE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
DICHLORODIFLUOROMETHANE	< 0.79 U	< 0.0029 U	0.0284	0.0453	0.0023	0.0170	< 10 U	< 0.25 U	< 0.0030 U
ETHYLBENZENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	**1100**	1	< 0.0030 U
HEXACHLOROBUTADIENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
ISOPROPYLBENZENE (CUMENE)	0.223 J	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	77.3	0.0520 J	< 0.0074 U
M,P-XYLENE (SUM OF ISOMERS)	< 0.79 U	0.00087 J	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	**3020**	**2.68**	< 0.0030 U
METHYLENE CHLORIDE	< 0.79 U	< 0.0029 U	0.0057 J	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
NAPHTHALENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**52.2**	< 0.63 U	< 0.0074 U
N-BUTYLBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	87.3	0.0854 J	< 0.0074 U
N-PROPYLBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**132**	0.0849 J	< 0.0074 U
O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	1330	1.07	< 0.0030 U
SEC-BUTYLBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**48.4**	< 0.63 U	< 0.0074 U
STYRENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	< 26 U	< 0.63 U	< 0.0074 U
T-BUTYLBENZENE	< 2 U	< 0.0072 U	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**6.53 J**	< 0.63 U	< 0.0074 U
TERT-BUTYL METHYL ETHER	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
TETRACHLOROETHYLENE(PCE)	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
TOLUENE	< 2 U	0.00095 J	< 0.015 U	< 0.014 U	< 0.0058 U	< 0.0069 U	**1030**	0.132 J	< 0.0074 U
TRANS-1,2-DICHLOROETHENE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
TRICHLOROETHYLENE (TCE)	**5.15**	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	**26.7**	< 0.25 U	0.0049
TRICHLOROFLUOROMETHANE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
VINYL CHLORIDE	< 0.79 U	< 0.0029 U	< 0.0060 U	< 0.0055 U	< 0.0023 U	< 0.0028 U	< 10 U	< 0.25 U	< 0.0030 U
Total VOCs-CALC	**18**	0.0026	0.0341	0.0453	0.0023	0.0170	**8420**	**6.17**	0.013

Chemical Name	DPT-701	DPT-701	DPT-702	DPT-702	DPT-702	DPT-702	DPT-703	DPT-703
	10/30/2014	10/30/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/28/2014	10/28/2014
	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft
	N	N	N	N	FD	N	N	N
PCB's								
PCB-1016 (AROCLOR 1016)	< 0.05 U	< 0.051 U	< 0.041 U	< 0.061 U	< 0.044 U	< 0.058 U	< 0.039 U	< 0.056 U
PCB-1221 (AROCLOR 1221)	< 0.05 U	< 0.051 U	< 0.041 U	< 0.061 U	< 0.044 U	< 0.058 U	< 0.039 U	< 0.056 U
PCB-1232 (AROCLOR 1232)	< 0.05 U	< 0.051 U	< 0.041 U	< 0.061 U	< 0.044 U	< 0.058 U	< 0.039 U	< 0.056 U
PCB-1242 (AROCLOR 1242)	< 0.05 U	< 0.051 U	< 0.041 U	< 0.061 U	< 0.044 U	< 0.058 U	< 0.039 U	< 0.056 U
PCB-1248 (AROCLOR 1248)	< 0.05 U	< 0.051 U	< 0.041 U	< 0.061 U	< 0.044 U	< 0.058 U	< 0.039 U	< 0.056 U
PCB-1254 (AROCLOR 1254)	0.0931 J	< 0.051 U	< 0.041 U	< 0.061 U	< 0.044 U	< 0.058 U	< 0.039 U	< 0.056 U
PCB-1260 (AROCLOR 1260)	0.115	0.0976	0.305	< 0.061 U	0.0390 J	< 0.058 U	0.319	< 0.056 U
PCB, TOTAL	**0.208**	0.0976	**0.305**	< 0.061 U	0.039	< 0.058 U	**0.319**	< 0.056 U
VOCs								
1,1,1,2-TETRACHLOROETHANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 UJ	< 0.011 U	< 0.0060 U	< 0.0087 U
1,1,1-TRICHLOROETHANE	0.0214	0.0033 J	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,1,2,2-TETRACHLOROETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 UJ	R	< 0.0046 U	< 0.0024 U	< 0.0035 UJ
1,1,2-TRICHLOROETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,1-DICHLOROETHANE	0.0029 J	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,1-DICHLOROETHENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,1-DICHLOROPROPENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
1,2,3-TRICHLOROBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
1,2,3-TRICHLOROPROPANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
1,2,4-TRICHLOROBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
1,2,4-TRIMETHYLBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
1,2-DIBROMO-3-CHLOROPROPANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,2-DICHLOROBENZENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 UJ	R	< 0.0046 U	< 0.0024 U	< 0.0035 UJ
1,2-DICHLOROETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,2-DICHLOROPROPANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
1,3-DICHLOROBENZENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 UJ	R	< 0.0046 U	< 0.0024 U	< 0.0035 UJ
1,3-DICHLOROPROPANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 UJ	< 0.011 U	< 0.0060 U	< 0.0087 U
1,4-DICHLOROBENZENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 UJ	R	< 0.0046 U	< 0.0024 U	< 0.0035 UJ
2,2-DICHLOROPROPANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
2-CHLOROTOLUENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
4-CHLOROTOLUENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
BENZENE	< 0.0011 U	< 0.00095 U	< 0.00083 U	< 0.0013 U	< 0.00094 U	< 0.0011 U	< 0.00060 U	< 0.00087 U
BROMOBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
BROMOCHLOROMETHANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
BROMODICHLOROMETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
BROMOFORM	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
BROMOMETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
CARBON TETRACHLORIDE	0.0038 J	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
CHLOROBENZENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
CHLOROETHANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
CHLOROFORM	0.0064	0.0013 J	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
CHLOROMETHANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
CIS-1,2-DICHLOROETHYLENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
CYMENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
DIBROMOCHLOROMETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
DIBROMOMETHANE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
DICHLORODIFLUOROMETHANE	0.0049	0.0064	< 0.0033 U	0.0038 J	0.0033 J	0.0037 J	< 0.0024 U	< 0.0035 U
ETHYLBENZENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
HEXACHLOROBUTADIENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
ISOPROPYLBENZENE (CUMENE)	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
M,P-XYLENE (SUM OF ISOMERS)	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
METHYLENE CHLORIDE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
NAPHTHALENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
N-BUTYLBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
N-PROPYLBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
SEC-BUTYLBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
STYRENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 UJ	< 0.011 U	< 0.0060 U	< 0.0087 U
T-BUTYLBENZENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 UJ	R	< 0.011 U	< 0.0060 U	< 0.0087 UJ
TERT-BUTYL METHYL ETHER	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
TETRACHLOROETHYLENE(PCE)	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 UJ	< 0.0046 U	< 0.0024 U	< 0.0035 U
TOLUENE	< 0.011 U	< 0.0095 U	< 0.0083 U	< 0.013 U	< 0.0094 U	< 0.011 U	< 0.0060 U	< 0.0087 U
TRANS-1,2-DICHLOROETHENE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
TRICHLOROETHYLENE (TCE)	0.0028 J	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
TRICHLOROFLUOROMETHANE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
VINYL CHLORIDE	< 0.0044 U	< 0.0038 U	< 0.0033 U	< 0.0053 U	< 0.0038 U	< 0.0046 U	< 0.0024 U	< 0.0035 U
Total VOCs-CALC	0.0422	0.011	< 0.0083 U	0.0038	0.0033	0.0037	< 0.0060 U	< 0.0087 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-703	DPT-704	DPT-704	DPT-705	DPT-705	DPT-705	DPT-706	DPT-706	DPT-706	DPT-707	DPT-707	DPT-707	DPT-708	DPT-708	DPT-708	DPT-709	DPT-709	DPT-709	DPT-710	DPT-710	DPT-710	DPT-711	DPT-711	DPT-711	DPT-711
					10/28/2014	10/28/2014	10/28/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/29/2014	10/29/2014	10/29/2014	10/28/2014	10/28/2014	10/28/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014
	Unrestricted	Commercial	Industrial	TSCA	8 - 12 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0 - 4 ft	4 - 8 ft	4 - 8 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.04 U	< 0.043 U	< 0.036 U	< 0.065 U	< 0.056 U	< 0.062 U	< 0.044 U	< 0.069 U	< 0.046 U	< 0.043 U	< 0.063 U	< 0.078 U	< 0.043 U	< 0.046 U	< 0.055 U	< 0.044 U	< 0.061 U	< 0.058 U	< 0.051 U	< 0.065 U	< 0.043 U	< 0.038 U	< 0.047 U	< 0.057 U	< 0.056 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.04 U	< 0.043 U	< 0.036 U	< 0.065 U	< 0.056 U	< 0.062 U	< 0.044 U	< 0.069 U	< 0.046 U	< 0.043 U	< 0.063 U	< 0.078 U	< 0.043 U	< 0.046 U	< 0.055 U	< 0.044 U	< 0.061 U	< 0.058 U	< 0.051 U	< 0.065 U	< 0.043 U	< 0.038 U	< 0.047 U	< 0.057 U	< 0.056 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.04 U	< 0.043 U	< 0.036 U	< 0.065 U	< 0.056 U	< 0.062 U	< 0.044 U	< 0.069 U	< 0.046 U	< 0.043 U	< 0.063 U	< 0.078 U	< 0.043 U	< 0.046 U	< 0.055 U	< 0.044 U	< 0.061 U	< 0.058 U	< 0.051 U	< 0.065 U	< 0.043 U	< 0.038 U	< 0.047 U	< 0.057 U	< 0.056 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.04 U	< 0.043 U	< 0.036 U	< 0.065 U	< 0.056 U	< 0.062 U	< 0.044 U	< 0.069 U	< 0.046 U	< 0.043 U	< 0.063 U	< 0.078 U	< 0.043 U	< 0.046 U	< 0.055 U	< 0.044 U	< 0.061 U	< 0.058 U	< 0.051 U	< 0.065 U	< 0.043 U	< 0.038 U	< 0.047 U	< 0.057 U	< 0.056 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.04 U	< 0.043 U	< 0.036 U	< 0.065 U	< 0.056 U	< 0.062 U	< 0.044 U	< 0.069 U	< 0.046 U	< 0.043 U	< 0.063 U	< 0.078 U	< 0.043 U	< 0.046 U	< 0.055 U	< 0.044 U	< 0.061 U	< 0.058 U	< 0.051 U	< 0.065 U	< 0.043 U	< 0.038 U	< 0.047 U	< 0.057 U	< 0.056 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.04 U	< 0.043 U	< 0.036 U	< 0.065 U	< 0.056 U	< 0.062 U	0.0695	< 0.069 U	< 0.046 U	< 0.043 U	< 0.063 U	< 0.078 U	0.0523 J	1.75	0.425 J	< 0.044 U	< 0.061 U	< 0.058 U	< 0.051 U	< 0.065 U	< 0.043 U	< 0.038 U	< 0.047 U	< 0.057 U	< 0.056 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	< 0.04 U	3.19	0.0756	< 0.065 U	0.0355 J	< 0.062 U	0.0536 J	< 0.069 U	< 0.046 U	0.0300 J	< 0.063 U	< 0.078 U	0.115	1.69 J	0.619	0.332	< 0.061 U	< 0.058 U	0.85	< 0.065 U	0.0281 J	0.0215 J	0.0448 J	< 0.057 U	< 0.056 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	< 0.04 U	**3.19**	0.0756	< 0.065 U	0.0355	< 0.062 U	**0.123**	< 0.069 U	< 0.046 U	0.03	< 0.063 U	< 0.078 U	**0.167**	**3.44**	**1.04**	**0.332**	< 0.061 U	< 0.058 U	**0.85**	< 0.065 U	0.0281	0.0215	0.0448	< 0.057 U	< 0.056 U
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 UJ	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	0.0035 J	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 UJ	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	R	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	R	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0028 U	< 0.0020 UJ	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	R	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	R	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0028 U	< 0.0020 UJ	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	R	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	R	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0028 U	< 0.0020 UJ	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	R	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	R	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
BENZENE	**0.06**	44	89	NE	< 0.00071 U	< 0.00049 U	< 0.00050 UJ	< 0.0018 U	< 0.0012 U	< 0.0015 U	< 0.00089 U	< 0.0016 U	< 0.0038 U	< 0.00067 UJ	< 0.0014 U	< 0.0012 U	< 0.00091 U	< 0.00093 U	< 0.0010 U	< 0.0014 U	< 0.0017 U	< 0.0010 U	< 0.0010 U	< 0.0021 U	< 0.00072 U	0.0013	< 0.00080 UJ	< 0.0014 U	< 0.00095 U
BROMOBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
BROMOFORM	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 UJ	< 0.0048 UJ	< 0.0058 UJ	< 0.0036 UJ	< 0.0063 UJ	< 0.015 UJ	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
BROMOMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
CHLOROETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
CHLOROFORM	**0.37**	350	700	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	0.00061 J	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
CYMENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	0.0057 J	0.0372 J	< 0.0027 UJ	< 0.0055 U	0.0070 J	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	0.00086 J	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
NAPHTHALENE	**12**	500	1000	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
STYRENE	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 UJ	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0071 U	< 0.0049 UJ	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	R	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	R	< 0.0072 U	< 0.0076 U	< 0.0080 UJ	< 0.014 U	< 0.0095 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 UJ	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.0071 U	< 0.0049 U	< 0.0050 UJ	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	< 0.016 U	< 0.038 U	< 0.0067 UJ	< 0.014 U	< 0.012 U	< 0.0091 U	< 0.0093 U	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	< 0.01 U	< 0.021 U	< 0.0072 U	0.0017 J	< 0.0080 UJ	< 0.014 U	< 0.0095 U
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	0.0012 J	< 0.0085 U	< 0.0029 U	0.0016 J	0.0017 J	< 0.0057 U	< 0.0038 U
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0028 U	< 0.0020 U	< 0.0020 UJ	< 0.0072 U	< 0.0048 U	< 0.0058 U	< 0.0036 U	< 0.0063 U	< 0.015 U	< 0.0027 UJ	< 0.0055 U	< 0.0049 U	< 0.0036 U	< 0.0037 U	< 0.0040 U	< 0.0056 U	< 0.0067 U	< 0.0042 U	< 0.0041 U	< 0.0085 U	< 0.0029 U	< 0.0031 U	< 0.0032 UJ	< 0.0057 U	< 0.0038 U
Total VOCs-CALC	NE	NE	NE	NE	< 0.0071 U	< 0.0049 U	< 0.0050 U	< 0.018 U	< 0.012 U	< 0.015 U	< 0.0089 U	0.0057	0.0372	< 0.0067 U	< 0.014 U	0.0070	< 0.0091 U	0.0035	< 0.01 U	< 0.014 U	< 0.017 U	< 0.01 U	0.0018	< 0.021 U	< 0.0072 U	0.0055	0.0017	< 0.014 U	< 0.0095 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-711	DPT-801	DPT-801	DPT-802	DPT-802	DPT-802	DPT-803	DPT-803	DPT-803	DPT-803	DPT-803	DPT-804	DPT-804	DPT-804	DPT-804	DPT-804	DPT-805	DPT-805	DPT-806	DPT-806	DPT-806	DPT-806	DPT-806	DPT-807	DPT-807
					10/27/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014
	Unrestricted	Commercial	Industrial	TSCA	8 - 12 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.036 U	< 0.045 U	< 0.038 U	< 0.044 U	< 0.039 U	< 0.053 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.042 U	< 0.04 U	< 0.037 U	< 0.044 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.052 U	< 0.043 U	< 0.037 U	< 0.041 U	< 0.041 U	< 0.046 U	< 0.045 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.036 U	< 0.045 U	< 0.038 U	< 0.044 U	< 0.039 U	< 0.053 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.042 U	< 0.04 U	< 0.037 U	< 0.044 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.052 U	< 0.043 U	< 0.037 U	< 0.041 U	< 0.041 U	< 0.046 U	< 0.045 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.036 U	< 0.045 U	< 0.038 U	< 0.044 U	< 0.039 U	< 0.053 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.042 U	< 0.04 U	< 0.037 U	< 0.044 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.052 U	< 0.043 U	< 0.037 U	< 0.041 U	< 0.041 U	< 0.046 U	< 0.045 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.036 U	< 0.045 U	< 0.038 U	< 0.044 U	< 0.039 U	< 0.053 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.042 U	< 0.04 U	< 0.037 U	< 0.044 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.052 U	< 0.043 U	< 0.037 U	< 0.041 U	< 0.041 U	< 0.046 U	< 0.045 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.036 U	< 0.045 U	< 0.038 U	< 0.044 U	< 0.039 U	< 0.053 U	< 0.038 U	< 0.039 U	< 0.04 U	< 0.042 U	< 0.04 U	< 0.037 U	< 0.044 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.039 U	< 0.04 U	< 0.052 U	< 0.043 U	< 0.037 U	< 0.041 U	< 0.041 U	< 0.046 U	< 0.045 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.036 U	0.0883 J	< 0.038 U	< 0.044 U	< 0.039 U	< 0.053 U	0.981	0.655	0.632	< 0.042 U	< 0.04 U	0.148 J	0.671 J	3.56 J	3.01 J	< 0.039 U	< 0.039 U	< 0.04 U	< 0.052 U	< 0.043 U	< 0.037 U	< 0.041 U	< 0.041 U	0.18 J	0.0973 J
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	< 0.036 U	0.428	0.278	2.11	0.555	0.0834	0.917 J	0.351 J	0.424 J	< 0.042 U	< 0.04 U	1.2	2.24	4.78	4.96	0.0165 J	8.28	< 0.04 U	2.57	6.98	0.0280 J	< 0.041 U	< 0.041 U	0.298	0.238
PCB, TOTAL	**0.1**	**1**	**25**	**50**	< 0.036 U	**0.516**	**0.278**	**2.11**	**0.555**	0.0834	**1.9**	**1.01**	**1.06**	< 0.042 U	< 0.04 U	**1.35**	**2.91**	**8.34**	**7.97**	0.0165	**8.28**	< 0.04 U	**2.57**	**6.98**	0.028	< 0.041 U	< 0.041 U	**0.478**	**0.335**
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	0.0728 J	< 5.2 U	**1.33 J**	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	0.203 J	< 0.0036 U	< 0.0027 UJ
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 UJ	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 UJ	< 13 UJ	< 5.4 UJ	< 0.73 UJ	< 1.2 UJ	< 0.78 UJ	< 1.3 UJ	< 0.65 UJ	< 1.3 UJ	< 0.6 UJ	< 0.88 UJ	< 0.0059 U	< 0.012 U	< 1.2 UJ	< 0.56 UJ	< 0.6 UJ	< 1.2 UJ	< 0.0090 U	< 0.0068 UJ
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.123 J	15	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	**6.5 J**	3.52 J	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	1.93	**19.4**	< 0.6 U	< 0.88 U	0.0051 J	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	0.189 J	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	0.277	**22.4**	0.248	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.553 J	< 1.3 U	< 0.6 U	< 0.88 U	0.0021 J	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	1.91	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	1.09	**2.77**	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
BENZENE	**0.06**	44	89	NE	< 0.00071 U	< 0.0022 U	< 0.042 U	< 0.00091 U	< 0.00044 U	< 0.00087 UJ	< 0.071 U	< 1.3 U	< 0.54 U	< 0.073 U	< 0.12 U	< 0.078 U	< 0.13 U	< 0.065 U	< 0.13 U	< 0.06 U	< 0.088 U	0.00060	< 0.0012 U	< 0.12 U	< 0.056 U	< 0.06 U	< 0.12 U	< 0.00090 U	< 0.00068 UJ
BROMOBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
BROMOFORM	NE	NE	NE	NE	< 0.0028 U	< 0.0088 UJ	< 0.17 U	< 0.0036 UJ	< 0.0018 UJ	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 UJ	< 0.0046 UJ	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 UJ	< 0.0027 UJ
BROMOMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 UJ	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0028 U	< 0.0088 UJ	< 0.17 U	< 0.0036 UJ	< 0.0018 UJ	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 UJ	< 0.0046 UJ	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 UJ	< 0.0027 UJ
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	**1.77**	**8.38**	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
CHLOROETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 UJ	< 13 UJ	< 5.4 UJ	< 0.73 UJ	< 1.2 UJ	< 0.78 UJ	< 1.3 UJ	< 0.65 UJ	< 1.3 UJ	< 0.6 UJ	< 0.88 UJ	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
CHLOROFORM	**0.37**	350	700	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	0.0786 J	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
CHLOROMETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 UJ	< 0.42 U	< 0.0091 UJ	< 0.0044 UJ	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 UJ	< 0.012 UJ	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 UJ	< 0.0068 UJ
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	< 0.0028 U	< 0.0088 U	**0.516**	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	**29.9**	**291**	**178**	**16.8**	**10.3**	0.152 J	**1.77**	< 0.26 U	**0.437 J**	**11.2**	**1.31**	0.0310	0.0124	**3.73**	**2.14**	**33.4**	**59.6**	0.0552	0.0242 J
CYMENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.204 J	0.213 J	< 0.6 U	< 0.88 U	0.0031 J	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 UJ	< 0.17 U	< 0.0036 UJ	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 UJ	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 UJ	< 0.0027 UJ
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 UJ	< 0.17 UJ	< 0.0036 UJ	< 0.0018 UJ	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 UJ	< 0.0046 U	< 0.47 UJ	< 0.22 UJ	< 0.24 U	< 0.47 UJ	< 0.0036 U	< 0.0027 UJ
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	**2.14 J**	**1.81 J**	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	**1.27**	**3.19**	0.779	0.121 J	0.0212	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.274 J	1.53	< 0.6 U	< 0.88 U	0.0014 J	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	**4.2 J**	**4.27**	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	**1.07**	< 0.52 U	**1.99**	**0.29 J**	0.0210	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	**0.184 J**	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
NAPHTHALENE	**12**	500	1000	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	1.99 J	1.24 J	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.26 J	< 1.3 U	< 0.6 U	0.204 J	0.0066	< 0.012 U	0.547 J	< 0.56 U	< 0.6 U	< 1.2 U	0.00090 J	0.0015 J
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.867	4.11	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	0.108 J	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	0.348 J	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.451 J	2.62	< 0.6 U	< 0.88 U	0.0013 J	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	3.12 J	2.38	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	0.0871 J	< 0.52 U	1.03	0.39	0.0096	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	0.518 J	2.7	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
STYRENE	NE	NE	NE	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	< 1.3 U	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	< 0.71 U	< 13 U	< 5.4 U	< 0.73 U	< 1.2 U	< 0.78 U	< 1.3 U	< 0.65 U	0.331 J	< 0.6 U	< 0.88 U	< 0.0059 U	< 0.012 U	< 1.2 U	< 0.56 U	< 0.6 U	< 1.2 U	< 0.0090 U	< 0.0068 UJ
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	0.0408 J	< 0.35 U	< 0.0024 U	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 U	< 0.0027 UJ
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.0071 U	< 0.022 U	< 0.42 U	< 0.0091 U	< 0.0044 U	< 0.0087 UJ	0.295 J	**59.3**	**22.7**	0.159 J	**3.41**	< 0.78 U	0.114 J	0.167 J	0.0728 J	**2.02**	0.291 J	0.0096	< 0.012 U	0.15 J	< 0.56 U	0.636	**1.66**	< 0.0090 U	< 0.0068 UJ
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0028 U	< 0.0088 U	0.0743 J	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	**0.359**	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	**0.346 J**	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	0.0030	< 0.0046 U	**0.232 J**	< 0.22 U	< 0.24 U	< 0.47 U	0.00095 J	< 0.0027 UJ
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	< 0.0028 U	0.0240	**1.08**	0.0030 J	< 0.0018 U	< 0.0035 UJ	**6.41**	**652**	**2.87**	< 0.29 U	**41.7**	**1.07**	**21.5**	0.235 J	0.349 J	**1.65**	**12.2**	0.0278	0.0064	**3.51**	< 0.22 U	**0.614**	< 0.47 U	0.0156	0.0091 J
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0028 U	< 0.0088 U	< 0.17 U	< 0.0036 U	< 0.0018 U	< 0.0035 UJ	< 0.29 U	< 5.2 U	< 2.2 U	< 0.29 U	< 0.49 U	< 0.31 U	< 0.52 U	< 0.26 U	< 0.52 U	< 0.24 U	< 0.35 U	< 0.0024 U	< 0.0046 UJ	< 0.47 U	< 0.22 U	< 0.24 U	< 0.47 U	< 0.0036 UJ	< 0.0027 UJ
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0028 U	< 0.0088 UJ	< 0.17 UJ	0.0056 J	**0.131 J**	**0.0367 J**	< 0.29 UJ	< 5.2 UJ	< 2.2 UJ	**0.495 J**	< 0.49 UJ	< 0.31 UJ	< 0.52 UJ	< 0.26 UJ	< 0.52 UJ	< 0.24 UJ	< 0.35 UJ	0.0036 J	< 0.0046 U	< 0.47 U	< 0.22 U	< 0.24 U	**5.54**	**0.0255**	0.0133 J
Total VOCs-CALC	NE	NE	NE	NE	< 0.0071 U	0.0240	**1.67**	0.0086	**0.131**	**0.0367**	**37.2**	**1020**	**218**	**17.5**	**55.4**	**1.22**	**23.7**	**11.1**	**85.6**	**19**	**14.8**	0.147	0.0188	**8.36**	**2.14**	**34.7**	**67**	**0.0982**	0.0481

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-807	DPT-807	DPT-808	DPT-808	DPT-808	DPT-808	DPT-809	DPT-809	DPT-809	DPT-809	DPT-809	DPT-810	DPT-810	DPT-811	DPT-811	DPT-812	DPT-812	DPT-812	DPT-812	DPT-813	DPT-813	DPT-813	DPT-813	DPT-814	DPT-814
	Unrestricted	Commercial	Industrial	TSCA	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/19/2014	11/19/2014	11/19/2014	11/19/2014	11/18/2014	11/18/2014
					12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	0 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 4 ft	4 - 8 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	< 0.059 U	< 0.039 U	< 0.039 U	< 0.046 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.042 U	< 0.056 U	< 0.052 U	< 0.042 U	< 0.041 U	< 0.045 U	< 0.039 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	< 0.059 U	< 0.039 U	< 0.039 U	< 0.046 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.042 U	< 0.056 U	< 0.052 U	< 0.042 U	< 0.041 U	< 0.045 U	< 0.039 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	< 0.059 U	< 0.039 U	< 0.039 U	< 0.046 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.042 U	< 0.056 U	< 0.052 U	< 0.042 U	< 0.041 U	< 0.045 U	< 0.039 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	< 0.059 U	< 0.039 U	< 0.039 U	< 0.046 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.042 U	< 0.056 U	< 0.052 U	< 0.042 U	< 0.041 U	< 0.045 U	< 0.039 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	< 0.059 U	< 0.039 U	< 0.039 U	< 0.046 U	< 0.04 U	< 0.04 U	< 0.039 U	< 0.042 U	< 0.042 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.042 U	< 0.056 U	< 0.052 U	< 0.042 U	< 0.041 U	< 0.045 U	< 0.039 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	< 0.059 U	< 0.039 U	< 0.039 U	< 0.046 U	0.168 J	< 0.04 U	0.0975	< 0.042 U	< 0.042 U	< 0.039 U	< 0.039 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.041 U	< 0.042 U	0.309 J	< 0.052 U	< 0.042 U	< 0.041 U	2.52 J	< 0.039 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	< 0.041 U	< 0.041 U	1.07	0.0216 J	< 0.039 U	< 0.046 U	0.677	0.0993	0.0920 J	< 0.042 U	< 0.042 U	0.0197 J	< 0.039 U	< 0.038 U	< 0.037 U	0.163	1.87	< 0.041 U	< 0.042 U	1.4	1.53	< 0.042 U	0.0161 J	5.15	3.72
PCB, TOTAL	**0.1**	**1**	**25**	**50**	< 0.041 U	< 0.041 U	**1.07**	0.0216	< 0.039 U	< 0.046 U	**0.845**	0.0993	**0.19**	< 0.042 U	< 0.042 U	0.0197	< 0.039 U	< 0.038 U	< 0.037 U	**0.163**	**1.87**	< 0.041 U	< 0.042 U	**1.71**	**1.53**	< 0.042 U	0.0161	**7.67**	**3.72**
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	0.147 J	0.128 J	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	0.167 J	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	**0.343 J**	**0.612 J**	< 0.54 U	< 0.58 U	< 0.26 U	0.101 J	< 0.56 U	< 0.23 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.66 UJ	< 0.64 UJ	< 0.013 U	< 0.0063 UJ	< 0.46 UJ	< 0.76 UJ	< 0.0072 U	< 0.83 UJ	< 1.1 UJ	< 0.54 UJ	< 1.3 UJ	< 0.0051 U	< 0.0051 U	< 0.58 UJ	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 UJ	< 2.8 UJ	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 UJ	< 0.57 UJ
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	0.1 J	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	0.0340 J
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
BENZENE	**0.06**	44	89	NE	< 0.066 U	< 0.064 U	< 0.0013 U	0.0011	< 0.046 U	< 0.076 U	< 0.00072 U	< 0.083 U	< 0.11 U	< 0.054 U	< 0.13 U	0.00065	0.00040 J	< 0.058 U	0.00062 J	0.00075	0.0068 J	< 0.1 U	< 0.28 U	< 0.14 U	< 0.15 U	< 0.064 U	< 0.064 U	< 0.14 U	**0.174**
BROMOBENZENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
BROMOFORM	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 UJ	< 0.0020 UJ	< 0.23 U	< 0.0026 UJ	< 0.0024 UJ	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
BROMOMETHANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 UJ	< 0.0020 UJ	< 0.23 U	< 0.0026 UJ	< 0.0024 UJ	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
CHLOROETHANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
CHLOROFORM	**0.37**	350	700	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**30.1**	**26.1**	< 0.0053 U	< 0.0025 U	**4.78**	**14.4**	0.0490	**1.55**	**57.4**	**54.1**	**53.7**	0.0086	0.0371	**0.391**	0.0166	< 0.0024 U	0.101 J	**71.7**	**140**	< 0.54 U	< 0.58 U	**12.9**	**29.5**	**0.724**	**1.75**
CYMENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	0.0749 J	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.27 UJ	< 0.25 UJ	< 0.0053 U	< 0.0025 UJ	< 0.18 UJ	< 0.3 UJ	< 0.0029 U	< 0.33 UJ	< 0.42 UJ	< 0.22 UJ	< 0.51 UJ	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	0.00056 J	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	**0.115 J**	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
NAPHTHALENE	**12**	500	1000	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	0.0918 J	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	0.0486 J
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	0.0808 J	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	0.0906 J	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
STYRENE	NE	NE	NE	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.66 U	< 0.64 U	< 0.013 U	< 0.0063 U	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	< 1.1 U	< 0.54 U	< 1.3 U	< 0.0051 U	< 0.0051 U	< 0.58 U	< 0.0064 U	< 0.0059 U	< 0.0076 UJ	< 1 U	< 2.8 U	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	< 0.57 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.66 U	< 0.64 U	< 0.013 U	0.00080 J	< 0.46 U	< 0.76 U	< 0.0072 U	< 0.83 U	0.134 J	**1.47**	< 1.3 U	0.00048 J	0.00042 J	< 0.58 U	0.00054 J	0.00078 J	0.00082 J	**2.54**	**2.98**	< 1.4 U	< 1.5 U	< 0.64 U	< 0.64 U	< 1.4 U	0.109 J
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	0.0080	**0.219 J**	**0.71**	< 0.22 U	< 0.51 U	0.0022	0.0042	< 0.23 U	0.0058	< 0.0024 U	0.0016 J	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	**15.9**	**14.3**	0.0051 J	< 0.0025 U	**1.54**	**3.89**	0.0125	0.185 J	**2.62**	**5.38**	**8.34**	0.0222	0.0095	**1.22**	0.0524	< 0.0024 U	0.0015 J	**1.18**	< 1.1 U	**1.99**	**1.74**	**20.8**	**1.4**	**2.22**	0.0819 J
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.27 U	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	< 0.0030 UJ	< 0.42 U	< 1.1 U	< 0.54 U	< 0.58 U	< 0.26 U	< 0.25 U	< 0.56 U	< 0.23 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	**0.694**	< 0.25 U	< 0.0053 U	< 0.0025 U	< 0.18 U	< 0.3 U	< 0.0029 U	< 0.33 U	< 0.42 U	< 0.22 U	< 0.51 U	< 0.0020 U	< 0.0020 U	< 0.23 U	< 0.0026 U	< 0.0024 U	0.0038 J	**4.14**	**12.5**	< 0.54 U	< 0.58 U	< 0.26 U	**0.808**	< 0.56 U	< 0.23 U
Total VOCs-CALC	NE	NE	NE	NE	**46.8**	**40.5**	0.0051	0.0019	**6.32**	**18.4**	0.0695	**2.05**	**60.9**	**61.1**	**62**	0.0341	0.0516	**1.61**	0.0760	0.0021	0.116	**80.2**	**156**	**1.99**	**1.74**	**33.7**	**31.8**	**2.94**	**2.2**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				DPT-814	DPT-814	SB-501	SB-501	SB-501	SB-502	SB-502	SB-502	SB-502	SB-502	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-504	SB-504	SB-504	SB-504	SB-504	SB-504
					11/18/2014	11/18/2014	11/11/2014	11/11/2014	11/11/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014
	Unrestricted	Commercial	Industrial	TSCA	8 - 12 ft	12 - 16 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	24 - 28 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.049 U	< 0.04 U	< 0.04 U	< 0.036 U	< 0.041 U	< 0.04 U	< 0.044 U	< 0.04 U	< 0.039 U	< 0.04 U	< 0.05 U	< 0.037 U	< 0.045 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.04 U	< 0.041 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.049 U	< 0.04 U	< 0.04 U	< 0.036 U	< 0.041 U	< 0.04 U	< 0.044 U	< 0.04 U	< 0.039 U	< 0.04 U	< 0.05 U	< 0.037 U	< 0.045 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.04 U	< 0.041 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.049 U	< 0.04 U	< 0.04 U	< 0.036 U	< 0.041 U	< 0.04 U	< 0.044 U	< 0.04 U	< 0.039 U	< 0.04 U	< 0.05 U	< 0.037 U	< 0.045 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.04 U	< 0.041 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.049 U	< 0.04 U	< 0.04 U	< 0.036 U	< 0.041 U	< 0.04 U	< 0.044 U	< 0.04 U	< 0.039 U	< 0.04 U	< 0.05 U	< 0.037 U	< 0.045 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.04 U	< 0.041 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.049 U	< 0.04 U	< 0.04 U	< 0.036 U	< 0.041 U	< 0.04 U	< 0.044 U	< 0.04 U	< 0.039 U	< 0.04 U	< 0.05 U	< 0.037 U	< 0.045 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.037 U	< 0.039 U	< 0.04 U	< 0.041 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.049 U	< 0.04 U	< 0.04 U	< 0.036 U	< 0.041 U	< 0.04 U	< 0.044 U	< 0.04 U	< 0.039 U	< 0.04 U	0.0307 J	< 0.037 U	< 0.045 U	0.0575	0.0675	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	1.02 J	< 0.037 U	< 0.039 U	< 0.04 U	< 0.041 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	2.32	0.0225 J	1.94	0.152	0.0161 J	0.0278 J	0.0611	0.0755	< 0.039 U	< 0.04 U	0.0564	0.204	1.87 J	0.0449 J	0.0549 J	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	3.75	3.18	1.53	0.0286 J	< 0.04 U	< 0.041 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**2.32**	0.0225	**1.94**	**0.152**	0.0161	0.0278	0.0611	0.0755	< 0.039 U	< 0.04 U	0.0871	**0.204**	**1.87**	**0.102**	**0.122**	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	**3.75**	**4.2**	**1.53**	0.0286	< 0.04 U	< 0.041 U
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 UJ	< 0.23 UJ	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 UJ	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	0.258 J	0.166 J	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	0.0016 J	0.0039	< 0.22 U	< 0.22 U	0.273	< 0.54 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.96 UJ	< 0.86 UJ	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	0.333 J	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 UJ	< 0.59 UJ	< 0.68 UJ	< 0.58 U	< 0.58 UJ	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 UJ	< 0.55 UJ	< 0.43 U	< 1.4 UJ
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.39 U	0.324 J	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	0.0571 J	< 0.24 U	0.517	< 0.23 U	< 0.23 U	< 0.0024 UJ	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	0.123 J	< 0.54 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 UJ	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 UJ	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
BENZENE	**0.06**	44	89	NE	**2.5**	< 0.086 U	< 0.00066 U	0.00049 J	0.00045 J	< 0.00057 U	< 0.00070 U	< 0.00070 U	< 0.1 U	< 0.057 U	< 0.0011 U	< 0.00064 U	< 0.099 UJ	< 0.063 U	< 0.059 U	< 0.068 U	< 0.058 U	< 0.058 U	< 0.00059 U	< 0.00069 U	< 0.00070 U	< 0.056 U	< 0.055 U	< 0.043 U	< 0.14 U
BROMOBENZENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
BROMOFORM	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 UJ	< 0.0025 UJ	< 0.0025 UJ	< 0.0023 UJ	< 0.0028 UJ	< 0.0028 UJ	< 0.4 U	< 0.23 U	< 0.0043 UJ	< 0.0026 UJ	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 UJ	< 0.0028 UJ	< 0.0028 UJ	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
BROMOMETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 UJ	< 0.0028 UJ	< 0.0028 UJ	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
CHLOROBENZENE	**1.1**	500	1000	NE	0.102 J	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
CHLOROETHANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
CHLOROFORM	**0.37**	350	700	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 UJ	< 0.0061 UJ	< 0.0063 UJ	< 0.0057 UJ	< 0.0070 UJ	< 0.0070 UJ	< 1 U	< 0.57 U	< 0.011 UJ	< 0.0064 UJ	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 UJ	< 0.0070 UJ	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**4.07**	**31.8**	0.0017 J	< 0.0025 U	< 0.0025 U	0.0070	0.125	0.0438	**55.7**	**42.8**	0.0226	0.0671	**33.5 J**	**2.37**	**1.19**	**22.4**	**1.83**	**6**	0.0041 J	0.0209	0.0322	**42.7**	**15.8**	**95.1**	**63.1**
CYMENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	0.00059 J	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 UJ	< 0.0028 UJ	< 0.0028 UJ	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 UJ	< 0.0028 UJ	< 0.0028 UJ	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
ETHYLBENZENE	**1**	**390**	**780**	NE	0.756	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	0.449	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	0.0954 J	< 0.54 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	0.118 J	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	0.0324 J	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	**0.799**	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	**0.794**	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	0.256	< 0.54 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
NAPHTHALENE	**12**	500	1000	NE	0.142 J	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 UJ	< 0.59 UJ	< 0.68 UJ	< 0.58 U	< 0.58 UJ	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 UJ	< 0.55 UJ	< 0.43 U	< 1.4 UJ
N-BUTYLBENZENE	NE	NE	NE	NE	0.0928 J	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	0.114 J	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	0.0375 J	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	0.251 J	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	0.221 J	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	0.11 J	< 0.54 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
STYRENE	NE	NE	NE	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.96 U	< 0.86 U	< 0.0066 U	< 0.0061 U	< 0.0063 U	< 0.0057 U	< 0.0070 U	< 0.0070 U	< 1 U	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 UJ	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	< 0.43 U	< 1.4 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
TOLUENE	**0.7**	**500**	**1000**	NE	**1.86**	**0.762 J**	0.00048 J	0.00044 J	< 0.0063 U	0.00037 J	0.0017 J	0.00052 J	0.454 J	< 0.57 U	< 0.011 U	< 0.0064 U	< 0.99 UJ	< 0.63 U	< 0.59 U	< 0.68 U	< 0.58 U	< 0.58 U	< 0.0059 U	< 0.0069 U	< 0.0070 U	< 0.56 U	< 0.55 U	**1.39**	0.656 J
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	0.0105	0.0036	< 0.4 U	< 0.23 U	0.0034 J	0.0240	**1.51 J**	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	0.0059	0.0181	**1.69**	0.137 J	< 0.17 U	< 0.54 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	0.229 J	0.142 J	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	0.0123	0.0052	0.193 J	**4.5**	0.0040 J	0.0135	**0.581 J**	< 0.25 U	< 0.24 U	**17.4**	< 0.23 U	**2.08**	< 0.0024 U	0.0231	0.0545	**4.79**	0.253	**2.14**	**6.38**
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.39 U	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	< 0.0023 U	< 0.0028 U	< 0.0028 U	< 0.4 U	< 0.23 U	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	< 0.27 U	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	< 0.17 U	< 0.54 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	**0.909**	< 0.35 U	< 0.0027 U	< 0.0025 U	< 0.0025 U	0.0022 J	0.0025 J	0.0015 J	**0.961**	**0.987**	< 0.0043 U	< 0.0026 U	< 0.39 UJ	< 0.25 U	< 0.24 U	**0.214 J**	< 0.23 U	< 0.23 U	< 0.0024 U	< 0.0028 U	< 0.0028 U	< 0.22 U	< 0.22 U	**1.02**	< 0.54 U
Total VOCs-CALC	NE	NE	NE	NE	**11.9**	**33**	0.0022	0.00093	0.00045	0.01	0.152	0.0546	**57.6**	**48.5**	0.0300	0.105	**35.6**	**2.43**	**1.19**	**42.4**	**1.83**	**8.08**	0.0041	0.0515	0.109	**49.2**	**16.2**	**101**	**70.1**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives: Unrestricted	Commercial	Industrial	TSCA	SB-505 11/11/2014 0 - 0.5 ft N	SB-505 11/11/2014 0.5 - 4ft N	SB-505 11/11/2014 4 - 8 ft N	SB-505 11/11/2014 8 - 12 ft N	SB-506 11/12/2014 0 - 0.5 ft N	SB-506 11/12/2014 0.5 - 4ft N	SB-506 11/12/2014 4 - 8 ft N	SB-506 11/12/2014 12 - 16 ft N	SB-506 11/12/2014 16 - 20 ft N
PCB's													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.042 U	< 0.037 U	< 0.039 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.041 U	< 0.041 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.042 U	< 0.037 U	< 0.039 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.041 U	< 0.041 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.042 U	< 0.037 U	< 0.039 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.041 U	< 0.041 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.042 U	< 0.037 U	< 0.039 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.041 U	< 0.041 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.042 U	< 0.037 U	< 0.039 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.041 U	< 0.041 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.042 U	< 0.037 U	< 0.039 U	< 0.044 U	0.302 J	1.38 J	0.492 J	< 0.041 U	< 0.041 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.38	< 0.037 U	< 0.039 U	< 0.044 U	1.83	3.02	1.32	< 0.041 U	< 0.041 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**0.38**	< 0.037 U	< 0.039 U	< 0.044 U	**2.13**	**4.4**	**1.81**	< 0.041 U	< 0.041 U
VOCs													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 UJ	< 0.42 UJ	< 0.25 UJ	< 0.49 UJ
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 UJ	< 0.25 U	< 0.49 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	0.307 J
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 UJ	< 0.25 U	< 0.49 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
BENZENE	**0.06**	44	89	NE	0.00054 J	0.00040 J	0.00040 J	0.00059	< 0.0013 U	< 0.099 U	< 0.1 U	< 0.062 U	< 0.12 U
BROMOBENZENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
BROMOFORM	NE	NE	NE	NE	< 0.0025 UJ	< 0.0019 UJ	< 0.0021 UJ	< 0.0023 UJ	< 0.0051 UJ	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
BROMOMETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 UJ	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
CHLOROETHANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
CHLOROFORM	**0.37**	350	700	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.0062 UJ	< 0.0047 UJ	< 0.0053 UJ	< 0.0057 UJ	< 0.013 UJ	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	0.0046	0.0012 J	< 0.0021 U	0.0021 J	0.0031 J	< 0.39 U	0.232 J	**21.4**	**66.6**
CYMENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	0.0086 J	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 UJ	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 UJ	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
NAPHTHALENE	**12**	500	1000	NE	< 0.0062 U	0.0036 J	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 UJ	< 0.62 U	< 1.2 U
STYRENE	NE	NE	NE	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0062 U	< 0.0047 U	< 0.0053 U	< 0.0057 U	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	< 1.2 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
TOLUENE	**0.7**	**500**	**1000**	NE	0.00057 J	0.00055 J	0.00045 J	0.00052 J	< 0.013 U	< 0.99 U	< 1 U	< 0.62 U	**1.31**
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 U	< 0.25 U	< 0.49 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	0.0024 J	0.0019	0.0044	0.00079 J	0.0470	**2.44**	**1.99**	**3.4**	**0.623**
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 U	< 0.39 U	< 0.42 UJ	< 0.25 U	< 0.49 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0025 U	< 0.0019 U	< 0.0021 U	< 0.0023 U	< 0.0051 UJ	< 0.39 U	< 0.42 U	< 0.25 U	**4.47**
Total VOCs-CALC	NE	NE	NE	NE	0.0081	0.0077	0.0053	0.0040	0.0587	**2.44**	**2.22**	**24.8**	**73.3**

Chemical Name	SB-507 11/12/2014 0 - 0.5 ft N	SB-507 11/12/2014 0.5 - 4ft N	SB-507 11/12/2014 4 - 8 ft N	SB-507 11/12/2014 4 - 8 ft FD	SB-507 11/12/2014 8 - 12 ft N	SB-507 11/12/2014 12 - 16 ft N	SB-508 11/12/2014 0 - 0.5 ft N	SB-508 11/12/2014 0.5 - 4ft N
PCB's								
PCB-1016 (AROCLOR 1016)	< 0.04 U	< 0.036 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.04 U
PCB-1221 (AROCLOR 1221)	< 0.04 U	< 0.036 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.04 U
PCB-1232 (AROCLOR 1232)	< 0.04 U	< 0.036 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.04 U
PCB-1242 (AROCLOR 1242)	< 0.04 U	< 0.036 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.04 U
PCB-1248 (AROCLOR 1248)	< 0.04 U	< 0.036 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	< 0.04 U
PCB-1254 (AROCLOR 1254)	0.0485 J	< 0.036 U	< 0.039 U	< 0.04 U	< 0.039 U	< 0.041 U	< 0.04 U	0.769 J
PCB-1260 (AROCLOR 1260)	0.246	0.0201 J	6.1 J	5.44	0.0141 J	0.553	0.254 J	0.951
PCB, TOTAL	**0.295**	0.0201	**6.1**	**5.44**	0.0141	**0.553**	**0.254**	**1.72**
VOCs								
1,1,1,2-TETRACHLOROETHANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,1,1-TRICHLOROETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 UJ
1,1,2,2-TETRACHLOROETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,1,2-TRICHLOROETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,1-DICHLOROETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,1-DICHLOROETHENE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,1-DICHLOROPROPENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,2,3-TRICHLOROBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,2,3-TRICHLOROPROPANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,2,4-TRICHLOROBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	0.00073 J	< 0.52 U	< 0.0067 U	< 1.2 U
1,2,4-TRIMETHYLBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,2-DIBROMO-3-CHLOROPROPANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,2-DICHLOROBENZENE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	0.00042 J	< 0.21 U	< 0.0027 U	< 0.46 U
1,2-DICHLOROETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,2-DICHLOROPROPANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,3-DICHLOROBENZENE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	0.00068 J	< 0.21 U	< 0.0027 U	< 0.46 U
1,3-DICHLOROPROPANE	0.0020 J	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
1,4-DICHLOROBENZENE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	0.0024	< 0.21 U	< 0.0027 U	< 0.46 U
2,2-DICHLOROPROPANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
2-CHLOROTOLUENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
4-CHLOROTOLUENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
BENZENE	< 0.00065 U	0.00073	0.0020	0.0024	0.00058	< 0.052 U	< 0.00067 U	< 0.12 U
BROMOBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
BROMOCHLOROMETHANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
BROMODICHLOROMETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
BROMOFORM	< 0.0026 UJ	< 0.0021 UJ	< 0.0032 UJ	< 0.0047 UJ	< 0.0022 UJ	< 0.21 U	< 0.0027 UJ	< 0.46 U
BROMOMETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
CARBON TETRACHLORIDE	< 0.0026 UJ	< 0.0021 UJ	< 0.0032 UJ	< 0.0047 UJ	< 0.0022 UJ	< 0.21 U	< 0.0027 UJ	< 0.46 U
CHLOROBENZENE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	0.00087 J	< 0.21 U	< 0.0027 U	< 0.46 U
CHLOROETHANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
CHLOROFORM	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
CHLOROMETHANE	< 0.0065 UJ	< 0.0053 UJ	< 0.0079 UJ	< 0.012 UJ	< 0.0054 UJ	< 0.52 U	< 0.0067 UJ	< 1.2 U
CIS-1,2-DICHLOROETHYLENE	0.0011 J	0.0016 J	0.0440	0.0624	0.0116	**0.798**	0.0109	**0.97**
CYMENE	0.0013 J	< 0.0053 U	0.00046 J	0.00060 J	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
DIBROMOCHLOROMETHANE	< 0.0026 UJ	< 0.0021 UJ	< 0.0032 UJ	< 0.0047 UJ	< 0.0022 UJ	< 0.21 U	< 0.0027 UJ	< 0.46 U
DIBROMOMETHANE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
DICHLORODIFLUOROMETHANE	< 0.0026 UJ	< 0.0021 UJ	< 0.0032 UJ	< 0.0047 UJ	< 0.0022 UJ	< 0.21 U	< 0.0027 UJ	< 0.46 U
ETHYLBENZENE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
HEXACHLOROBUTADIENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
ISOPROPYLBENZENE (CUMENE)	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
M,P-XYLENE (SUM OF ISOMERS)	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	0.00055 J	< 0.21 U	< 0.0027 U	< 0.46 U
METHYLENE CHLORIDE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
NAPHTHALENE	< 0.0065 U	< 0.0053 U	0.0098 J	0.0029 J	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
N-BUTYLBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
N-PROPYLBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
SEC-BUTYLBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
STYRENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
T-BUTYLBENZENE	< 0.0065 U	< 0.0053 U	< 0.0079 U	< 0.012 U	< 0.0054 U	< 0.52 U	< 0.0067 U	< 1.2 U
TERT-BUTYL METHYL ETHER	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
TETRACHLOROETHYLENE(PCE)	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
TOLUENE	< 0.0065 U	0.00073 J	0.0018 J	0.0017 J	0.0010 J	< 0.52 U	< 0.0067 U	< 1.2 U
TRANS-1,2-DICHLOROETHENE	< 0.0026 U	< 0.0021 U	0.0019 J	0.0027 J	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
TRICHLOROETHYLENE (TCE)	0.0054	0.0474	0.0310	0.0410	0.0011 J	< 0.21 U	0.0026 J	**9.35**
TRICHLOROFLUOROMETHANE	< 0.0026 U	< 0.0021 U	< 0.0032 U	< 0.0047 U	< 0.0022 U	< 0.21 U	< 0.0027 U	< 0.46 U
VINYL CHLORIDE	< 0.0026 UJ	< 0.0021 UJ	0.0033 J	0.0063 J	0.0026 J	< 0.21 U	< 0.0027 UJ	< 0.46 U
Total VOCs-CALC	0.0098	0.0505	0.0943	0.12	0.0225	**0.798**	0.0135	**10.3**

Chemical Name	SB-508 11/12/2014 4 - 8 ft N	SB-508 11/12/2014 8 - 12 ft N	SB-508 11/12/2014 12 - 16 ft N	SB-508 11/12/2014 16 - 20 ft N	SB-510 11/12/2014 0 - 0.5 ft N	SB-510 11/12/2014 0.5 - 4ft N	SB-510 11/12/2014 4 - 8 ft N	SB-510 11/12/2014 8 - 12 ft N
PCB's								
PCB-1016 (AROCLOR 1016)	< 0.049 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.041 U	< 0.037 U	< 0.036 U	< 0.044 U
PCB-1221 (AROCLOR 1221)	< 0.049 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.041 U	< 0.037 U	< 0.036 U	< 0.044 U
PCB-1232 (AROCLOR 1232)	< 0.049 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.041 U	< 0.037 U	< 0.036 U	< 0.044 U
PCB-1242 (AROCLOR 1242)	< 0.049 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.041 U	< 0.037 U	< 0.036 U	< 0.044 U
PCB-1248 (AROCLOR 1248)	< 0.049 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.041 U	< 0.037 U	< 0.036 U	< 0.044 U
PCB-1254 (AROCLOR 1254)	< 0.049 U	< 0.037 U	< 0.04 U	< 0.038 U	0.384 J	0.601 J	< 0.036 U	< 0.044 U
PCB-1260 (AROCLOR 1260)	24.5	0.981	1.43	< 0.038 U	2.17	0.881	< 0.036 U	< 0.044 U
PCB, TOTAL	**24.5**	**0.981**	**1.43**	< 0.038 U	**2.55**	**1.48**	< 0.036 U	< 0.044 U
VOCs								
1,1,1,2-TETRACHLOROETHANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,1,1-TRICHLOROETHANE	< 0.58 UJ	< 0.0022 U	< 0.24 UJ	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,1,2,2-TETRACHLOROETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 UJ	< 0.0025 U	< 0.0021 U
1,1,2-TRICHLOROETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,1-DICHLOROETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,1-DICHLOROETHENE	< 0.58 U	< 0.0022 U	< 0.24 U	0.242 J	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,1-DICHLOROPROPENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,2,3-TRICHLOROBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	0.516 J	< 0.0063 U	< 0.0053 U
1,2,3-TRICHLOROPROPANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,2,4-TRICHLOROBENZENE	< 1.4 U	0.00092 J	< 0.61 U	< 0.65 U	< 0.0089 UJ	0.19 J	< 0.0063 U	< 0.0053 U
1,2,4-TRIMETHYLBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,2-DIBROMO-3-CHLOROPROPANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 UJ	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,2-DICHLOROBENZENE	0.166 J	0.0085	0.108 J	0.178 J	< 0.0036 UJ	0.457	< 0.0025 U	0.0062
1,2-DICHLOROETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,2-DICHLOROPROPANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,3-DICHLOROBENZENE	< 0.58 U	0.00069 J	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
1,3-DICHLOROPROPANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
1,4-DICHLOROBENZENE	< 0.58 U	0.0037	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
2,2-DICHLOROPROPANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
2-CHLOROTOLUENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
4-CHLOROTOLUENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
BENZENE	< 0.14 U	0.0010	< 0.061 U	< 0.065 U	0.00067 J	< 0.061 U	< 0.00063 U	< 0.00053 U
BROMOBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
BROMOCHLOROMETHANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
BROMODICHLOROMETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
BROMOFORM	< 0.58 U	< 0.0022 UJ	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 UJ	< 0.0021 UJ
BROMOMETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
CARBON TETRACHLORIDE	< 0.58 U	< 0.0022 UJ	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 UJ	< 0.0021 UJ
CHLOROBENZENE	0.148 J	0.0015 J	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
CHLOROETHANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
CHLOROFORM	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
CHLOROMETHANE	< 1.4 U	< 0.0054 UJ	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 UJ	< 0.0053 UJ
CIS-1,2-DICHLOROETHYLENE	**9.82**	0.0048	**12.3**	**75.4 J**	0.0079 J	0.181 J	0.0113	0.0226
CYMENE	< 1.4 U	0.0074	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
DIBROMOCHLOROMETHANE	< 0.58 U	< 0.0022 UJ	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 UJ	< 0.0021 UJ
DIBROMOMETHANE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
DICHLORODIFLUOROMETHANE	< 0.58 U	< 0.0022 UJ	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 UJ	< 0.0021 UJ
ETHYLBENZENE	< 0.58 U	< 0.0022 U	0.21 J	0.352	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
HEXACHLOROBUTADIENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
ISOPROPYLBENZENE (CUMENE)	< 1.4 U	0.00032 J	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
M,P-XYLENE (SUM OF ISOMERS)	0.25 J	0.0016 J	**0.311**	**0.739**	< 0.0036 UJ	0.105 J	< 0.0025 U	0.00099 J
METHYLENE CHLORIDE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
NAPHTHALENE	< 1.4 U	0.00049 J	< 0.61 U	< 0.65 UJ	< 0.0089 UJ	0.419 J	< 0.0063 U	< 0.0053 U
N-BUTYLBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
N-PROPYLBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
O-XYLENE (1,2-DIMETHYLBENZENE)	0.145 J	0.00074 J	0.217 J	0.0953 J	< 0.0036 UJ	0.2 J	< 0.0025 U	< 0.0021 U
SEC-BUTYLBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
STYRENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
T-BUTYLBENZENE	< 1.4 U	< 0.0054 U	< 0.61 U	< 0.65 U	< 0.0089 UJ	< 0.61 U	< 0.0063 U	< 0.0053 U
TERT-BUTYL METHYL ETHER	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
TETRACHLOROETHYLENE(PCE)	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
TOLUENE	0.625 J	0.0020 J	**1.39**	**2.33**	0.0014 J	0.245 J	0.00046 J	0.0023 J
TRANS-1,2-DICHLOROETHENE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	0.0024 J	0.0057
TRICHLOROETHYLENE (TCE)	**13.7**	< 0.0022 U	**1.43**	< 0.26 U	0.0899 J	**3.01**	0.0092	0.0056
TRICHLOROFLUOROMETHANE	< 0.58 U	< 0.0022 U	< 0.24 U	< 0.26 U	< 0.0036 UJ	< 0.24 U	< 0.0025 U	< 0.0021 U
VINYL CHLORIDE	< 0.58 U	0.0068 J	< 0.24 U	**0.314**	< 0.0036 UJ	< 0.24 U	< 0.0025 UJ	0.0033 J
Total VOCs-CALC	**24.9**	0.04	**16**	**79.7**	0.0999	**5.32**	0.0234	0.0467

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				SB-511	SB-511	SB-511	SB-511	SB-511	SB-512	SB-512	SB-512	SB-513	SB-513	SB-513	SB-513	SB-514	SB-514	SB-514	SB-514	SB-515	SB-515	SB-515	SB-516	SB-516	SB-516	SB-516	SB-517	SB-517
					11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
	Unrestricted	Commercial	Industrial	TSCA	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	4 - 8 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft
					N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.046 U	< 0.038 U	< 0.038 U	< 0.037 U	< 0.041 U	< 0.045 U	< 0.036 U	< 0.038 U	< 0.045 U	< 0.044 U	< 0.038 U	< 0.04 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.059 U	< 0.036 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.038 U	< 0.046 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.046 U	< 0.038 U	< 0.038 U	< 0.037 U	< 0.041 U	< 0.045 U	< 0.036 U	< 0.038 U	< 0.045 U	< 0.044 U	< 0.038 U	< 0.04 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.059 U	< 0.036 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.038 U	< 0.046 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.046 U	< 0.038 U	< 0.038 U	< 0.037 U	< 0.041 U	< 0.045 U	< 0.036 U	< 0.038 U	< 0.045 U	< 0.044 U	< 0.038 U	< 0.04 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.059 U	< 0.036 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.038 U	< 0.046 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.046 U	< 0.038 U	< 0.038 U	< 0.037 U	< 0.041 U	< 0.045 U	< 0.036 U	< 0.038 U	< 0.045 U	< 0.044 U	< 0.038 U	< 0.04 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.059 U	< 0.036 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.038 U	< 0.046 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.046 U	< 0.038 U	< 0.038 U	< 0.037 U	< 0.041 U	< 0.045 U	< 0.036 U	< 0.038 U	< 0.045 U	< 0.044 U	< 0.038 U	< 0.04 U	< 0.037 U	< 0.04 U	< 0.038 U	< 0.038 U	< 0.059 U	< 0.036 U	< 0.037 U	< 0.039 U	< 0.037 U	< 0.037 U	< 0.038 U	< 0.038 U	< 0.046 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.046 U	< 0.038 U	< 0.038 U	< 0.037 U	< 0.041 U	< 0.045 U	< 0.036 U	< 0.038 U	< 0.045 U	< 0.044 U	< 0.038 U	< 0.04 U	< 0.037 U	< 0.04 U	2.94 J	< 0.038 U	< 0.059 U	< 0.036 U	< 0.037 U	9.09	5.43	< 0.037 U	< 0.038 U	< 0.038 U	3.36 J
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	1.55	1.51	1.46	2.09	< 0.041 U	1.22	9.91	122 J	6.79	10.7	6.11	0.374 J	0.688	21.6 J	3.97 J	0.0491	6.17	0.913	< 0.037 U	6.81 J	3.64 J	1.12	0.0158 J	0.186	9.05
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**1.55**	**1.51**	**1.46**	**2.09**	< 0.041 U	**1.22**	**9.91**	**122**	**6.79**	**10.7**	**6.11**	**0.374**	**0.688**	**21.6**	**6.91**	0.0491	**6.17**	**0.913**	< 0.037 U	**15.9**	**9.07**	**1.12**	0.0158	**0.186**	**12.4**
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.5 U	0.0617 J	0.25 J	0.0733 J	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	0.235 J	1.12	1.62	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	0.652	< 0.74 U	1.3 J
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	0.182 J	< 0.74 U	< 2.3 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 UJ	< 0.0058 UJ	< 0.85 U	< 0.025 UJ	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
BENZENE	**0.06**	44	89	NE	< 0.12 U	< 0.1 U	< 0.3 U	< 0.1 U	< 0.059 U	< 0.00097 U	< 0.00058 UJ	< 0.085 U	< 0.0025 U	< 0.079 U	**0.0961 J**	< 0.15 U	< 0.00064 U	< 0.051 U	< 0.00046 U	0.00051	< 0.17 U	< 0.088 U	0.00053 J	< 0.076 U	< 0.075 U	< 0.071 U	< 0.058 U	< 0.074 U	< 0.23 U
BROMOBENZENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
BROMOFORM	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 UJ	< 0.0023 UJ	< 0.34 U	< 0.0098 UJ	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
BROMOMETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
CHLOROETHANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
CHLOROFORM	**0.37**	350	700	NE	< 0.5 U	0.0948 J	**0.413 J**	0.116 J	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
CHLOROMETHANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**0.536**	**1.35**	**5.76 J**	**1.48 J**	**9.69**	< 0.0039 U	< 0.0023 UJ	0.244 J	0.0097 J	**6.12**	**4.67**	**1.46**	0.0034	**0.685**	0.00093 J	0.0634	< 0.67 U	< 0.35 U	< 0.0022 U	0.182 J	0.217 J	**0.373**	**0.431**	**0.499**	**22.8**
CYMENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	0.109 J	0.0884 J	< 0.025 U	< 0.79 U	0.196 J	0.402 J	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
DIBROMOMETHANE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	0.00095 J	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	0.351 J	0.682	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	0.233	< 0.29 U	< 0.91 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	0.0597 J	0.177 J	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	0.0546 J	< 0.74 U	< 2.3 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.5 U	< 0.42 U	**0.593 J**	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	0.15 J	**0.6**	**1.27**	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	**0.28 J**	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	**0.266**	< 0.29 U	< 0.91 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
NAPHTHALENE	**12**	500	1000	NE	< 1.2 U	< 1 U	< 3 U	0.4 J	< 0.59 U	< 0.0097 U	< 0.0058 UJ	1.24	< 0.025 U	0.439 J	0.461 J	0.846 J	< 0.0064 U	0.0741 J	0.00078 J	0.0027 J	0.254 J	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	0.545 J
N-BUTYLBENZENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	0.0594 J	0.247 J	0.273 J	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	0.208 J	< 0.74 U	0.654 J
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	0.0352 J	0.112 J	0.194 J	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	0.209 J	< 0.74 U	< 2.3 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.5 U	< 0.42 U	0.282 J	< 0.42 U	0.0695 J	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	0.173 J	0.367 J	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	0.222 J	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
STYRENE	NE	NE	NE	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 1.2 U	< 1 U	< 3 U	< 1 U	< 0.59 U	< 0.0097 U	< 0.0058 UJ	< 0.85 U	< 0.025 U	< 0.79 U	< 0.98 U	< 1.5 U	< 0.0064 U	< 0.51 U	< 0.0046 U	< 0.0048 U	< 1.7 U	< 0.88 U	< 0.0055 U	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
TOLUENE	**0.7**	**500**	**1000**	NE	< 1.2 U	< 1 U	**1.53 J**	0.0990 J	< 0.59 U	< 0.0097 U	< 0.0058 UJ	0.205 J	0.0033 J	**0.934**	**3.81**	**3.6**	< 0.0064 U	< 0.51 U	0.00039 J	0.0022 J	0.202 J	< 0.88 U	0.00048 J	< 0.76 U	< 0.75 U	< 0.71 U	< 0.58 U	< 0.74 U	< 2.3 U
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.5 U	**0.31 J**	**2.22 J**	**0.583 J**	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	**0.213 J**	**0.346 J**	< 0.58 U	< 0.0026 U	< 0.21 U	0.00068 J	0.0053	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	**1.25**
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	**11.1**	**35**	**185 J**	**51 J**	**11**	0.0022 J	0.0065 J	0.273 J	0.0380	**1.12**	**1.84**	**2.65**	0.0059	**1.01**	< 0.0019 U	0.0380	**40**	**4.66**	0.0225	**5.04**	**5.94**	**8.5**	**1.28**	**9.92**	**109**
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	< 0.0019 U	< 0.0019 U	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.5 U	< 0.42 U	< 1.2 U	< 0.42 U	< 0.23 U	< 0.0039 U	< 0.0023 UJ	< 0.34 U	< 0.0098 U	< 0.32 U	< 0.39 U	< 0.58 U	< 0.0026 U	< 0.21 U	0.00087 J	0.0042	< 0.67 U	< 0.35 U	< 0.0022 U	< 0.3 U	< 0.3 U	< 0.28 U	< 0.23 U	< 0.29 U	< 0.91 U
Total VOCs-CALC	NE	NE	NE	NE	**11.6**	**36.8**	**196**	**53.8**	**20.8**	0.0022	0.116	2.05	0.0510	**9.31**	**14.1**	**13.8**	0.0093	**1.77**	0.0037	0.117	**40.7**	**4.66**	0.0235	**5.22**	**6.16**	**8.87**	**3.52**	**10.4**	**136**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				SB-517	SB-517	SB-518	SB-518	SB-518	SB-518	SB-519	SB-519	SB-519	SB-520	SB-520	SB-520
					11/4/2014	11/4/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014
	Unrestricted	Commercial	Industrial	TSCA	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft
					N	N	N	N	N	N	N	N	N	N	N	N
PCB's																
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.037 U	< 0.04 U	< 0.041 U	< 0.037 U	< 0.038 U	< 0.044 U	< 0.035 U	< 0.036 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.037 U	< 0.04 U	< 0.041 U	< 0.037 U	< 0.038 U	< 0.044 U	< 0.035 U	< 0.036 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.037 U	< 0.04 U	< 0.041 U	< 0.037 U	< 0.038 U	< 0.044 U	< 0.035 U	< 0.036 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.037 U	< 0.04 U	< 0.041 U	< 0.037 U	< 0.038 U	< 0.044 U	< 0.035 U	< 0.036 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.037 U	< 0.04 U	< 0.041 UJ	< 0.037 U	< 0.038 U	< 0.044 U	< 0.035 U	< 0.036 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.039 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.037 U	22.6	< 0.041 U	< 0.037 U	< 0.038 U	< 0.044 U	< 0.035 U	< 0.036 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	11.4	2.87	17.9	10.5	< 0.037 U	5.75 J	8.08	5.57	0.991	4.64	0.559	< 0.036 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**11.4**	**2.87**	**17.9**	**10.5**	< 0.037 U	**28.4**	**8.08**	**5.57**	**0.991**	**4.64**	**0.559**	< 0.036 U
VOCs																
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.25 UJ	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.63 UJ	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 UJ	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
BENZENE	**0.06**	44	89	NE	< 0.063 U	< 0.083 U	0.00047 J	< 0.091 U	< 0.054 U	0.00054	< 0.093 U	< 0.085 U	< 0.078 U	< 0.00052 U	0.00073	0.00049 J
BROMOBENZENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
BROMOFORM	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 UJ	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
BROMOMETHANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
CHLOROETHANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
CHLOROFORM	**0.37**	350	700	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**5.25**	**6.27**	0.0074	**1.28**	**0.61**	0.0038	< 0.37 U	< 0.34 U	**0.334**	< 0.0021 U	< 0.0021 U	0.00099 J
CYMENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.25 UJ	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	0.196 J	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	0.0011 J	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	**0.496**	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
NAPHTHALENE	**12**	500	1000	NE	1.57	0.834	0.00054 J	0.224 J	< 0.54 U	0.0022 J	0.191 J	0.153 J	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	0.0784 J	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	0.0511 J	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	0.199 J	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	0.0073	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
STYRENE	NE	NE	NE	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	< 0.0054 U	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.63 U	< 0.83 U	< 0.0067 U	< 0.91 U	< 0.54 U	0.0026 J	< 0.93 U	< 0.85 U	< 0.78 U	< 0.0052 U	< 0.0054 U	< 0.0062 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	0.27 J	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
TOLUENE	**0.7**	**500**	**1000**	NE	< 0.63 U	< 0.83 U	0.00053 J	0.167 J	0.343 J	0.0014 J	< 0.93 U	< 0.85 U	< 0.78 U	0.00037 J	0.00055 J	0.00044 J
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	**0.266**	**0.358**	0.0015 J	< 0.36 U	< 0.22 U	0.00089 J	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	**22.1**	**25.2**	0.0827	**6.62**	**4.91**	0.0062	**21.1**	**1.07**	**2.51**	0.0042	< 0.0021 U	< 0.0025 U
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	< 0.0022 U	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.25 U	< 0.33 U	< 0.0027 U	< 0.36 U	< 0.22 U	0.0013 J	< 0.37 U	< 0.34 U	< 0.31 U	< 0.0021 U	< 0.0021 U	< 0.0025 U
Total VOCs-CALC	NE	NE	NE	NE	**29.2**	**32.7**	0.0931	**8.29**	**5.86**	0.027	**22.5**	**1.35**	**2.84**	0.0046	0.0013	0.0019

Chemical Name	SB-521	SB-521	SB-521	SB-521	SB-522	SB-522	SB-522	SB-522	SB-522	SB-522	SB-522	SB-523	SB-523
	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4ft
	N	N	N	N	N	N	N	FD	N	N	N	N	N
PCB's													
PCB-1016 (AROCLOR 1016)	< 0.038 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.042 U	< 0.044 U	< 0.041 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.047 U	< 0.037 U
PCB-1221 (AROCLOR 1221)	< 0.038 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.042 U	< 0.044 U	< 0.041 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.047 U	< 0.037 U
PCB-1232 (AROCLOR 1232)	< 0.038 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.042 U	< 0.044 U	< 0.041 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.047 U	< 0.037 U
PCB-1242 (AROCLOR 1242)	< 0.038 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.042 U	< 0.044 U	< 0.041 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.047 U	< 0.037 U
PCB-1248 (AROCLOR 1248)	< 0.038 U	< 0.037 U	< 0.036 U	< 0.038 U	< 0.042 U	< 0.044 U	< 0.041 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.047 U	< 0.037 U
PCB-1254 (AROCLOR 1254)	0.608	0.0303 J	1.12 J	0.0240 J	< 0.042 U	0.748 J	< 0.041 U	< 0.041 U	< 0.04 U	< 0.04 U	< 0.041 U	< 0.047 U	< 0.037 U
PCB-1260 (AROCLOR 1260)	0.584 J	0.152	1.63	0.0812	1.32	1.74	36.1 J	3.7 J	0.191	< 0.04 U	0.0152 J	0.149	19.1
PCB, TOTAL	**1.19**	**0.182**	**2.75**	**0.105**	**1.32**	**2.49**	**36.1**	**3.7**	**0.191**	< 0.04 U	0.0152	**0.149**	**19.1**
VOCs													
1,1,1,2-TETRACHLOROETHANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,1,1-TRICHLOROETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,1,2,2-TETRACHLOROETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,1,2-TRICHLOROETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,1-DICHLOROETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,1-DICHLOROETHENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 UJ	< 0.55 UJ	< 0.97 UJ	< 0.54 UJ	< 0.32 UJ	< 0.3 UJ	< 0.25 UJ	< 0.46 UJ	< 0.39 U
1,1-DICHLOROPROPENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,2,3-TRICHLOROBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 UJ
1,2,3-TRICHLOROPROPANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,2,4-TRICHLOROBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	0.39 J
1,2,4-TRIMETHYLBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	0.324 J	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,2-DIBROMO-3-CHLOROPROPANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,2-DICHLOROBENZENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,2-DICHLOROETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,2-DICHLOROPROPANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,3-DICHLOROBENZENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
1,3-DICHLOROPROPANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
1,4-DICHLOROBENZENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
2,2-DICHLOROPROPANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
2-CHLOROTOLUENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
4-CHLOROTOLUENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
BENZENE	< 0.00095 U	< 0.059 U	< 0.093 U	< 0.064 U	< 0.061 U	< 0.14 U	**0.552 J**	< 0.13 UJ	< 0.079 U	< 0.074 U	< 0.064 U	< 0.11 U	< 0.098 U
BROMOBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
BROMOCHLOROMETHANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
BROMODICHLOROMETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
BROMOFORM	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
BROMOMETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
CARBON TETRACHLORIDE	0.0011 J	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
CHLOROBENZENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
CHLOROETHANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
CHLOROFORM	0.00058 J	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
CHLOROMETHANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
CIS-1,2-DICHLOROETHYLENE	< 0.0038 U	< 0.24 U	0.228 J	< 0.26 U	< 0.24 U	**5.98**	**28.2 J**	**9.39 J**	**1.63**	< 0.3 U	**1.97**	< 0.46 U	**2.61**
CYMENE	< 0.0095 U	< 0.59 U	0.262 J	0.324 J	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
DIBROMOCHLOROMETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
DIBROMOMETHANE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
DICHLORODIFLUOROMETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 UJ	< 0.55 UJ	< 0.97 UJ	< 0.54 UJ	< 0.32 UJ	< 0.3 UJ	< 0.25 UJ	< 0.46 UJ	< 0.39 U
ETHYLBENZENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	**1.78 J**	< 0.54 UJ	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	0.493
HEXACHLOROBUTADIENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
ISOPROPYLBENZENE (CUMENE)	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
M,P-XYLENE (SUM OF ISOMERS)	< 0.0038 U	0.145 J	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	**4.78 J**	< 0.54 UJ	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	**3.89**
METHYLENE CHLORIDE	0.0162	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
NAPHTHALENE	< 0.0095 U	0.242 J	< 0.93 U	0.0892 J	< 0.61 U	< 1.4 U	1.09 J	< 1.3 UJ	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	0.313 J
N-BUTYLBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	0.575 J	< 0.74 U	< 0.64 U	< 1.1 U	0.0659 J
N-PROPYLBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	0.0981 J	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
O-XYLENE (1,2-DIMETHYLBENZENE)	< 0.0038 U	0.146 J	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	1.86 J	< 0.54 UJ	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	1.76
SEC-BUTYLBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	0.326 J	0.426 J	< 0.64 U	< 1.1 U	< 0.98 U
STYRENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
T-BUTYLBENZENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	< 2.4 U	< 1.3 U	< 0.79 U	< 0.74 U	< 0.64 U	< 1.1 U	< 0.98 U
TERT-BUTYL METHYL ETHER	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
TETRACHLOROETHYLENE(PCE)	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
TOLUENE	< 0.0095 U	< 0.59 U	< 0.93 U	< 0.64 U	< 0.61 U	< 1.4 U	**1.73 J**	< 1.3 UJ	0.107 J	< 0.74 U	< 0.64 U	< 1.1 U	**4.26**
TRANS-1,2-DICHLOROETHENE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	**0.712 J**	< 0.54 UJ	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	**0.311 J**
TRICHLOROETHYLENE (TCE)	0.0038	**0.846**	**1.8**	0.269	**1.45**	**34.9**	**118 J**	**48.3 J**	**4.47**	0.0963 J	**27.1**	**1.38**	**6.59**
TRICHLOROFLUOROMETHANE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
VINYL CHLORIDE	< 0.0038 U	< 0.24 U	< 0.37 U	< 0.26 U	< 0.24 U	< 0.55 U	< 0.97 U	< 0.54 U	< 0.32 U	< 0.3 U	< 0.25 U	< 0.46 U	< 0.39 U
Total VOCs-CALC	0.0217	**1.38**	**2.29**	0.682	**1.45**	**40.9**	**159**	**57.7**	**7.53**	0.522	**29.1**	**1.38**	**20.7**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				SB-523	SB-523	SB-524	SB-524	SB-524	SB-525	SB-525	SB-525	SB-527	SB-527	SB-527	SB-528	SB-528	SB-528	SB-528	SB-529	SB-529	SB-529	SB-530	SB-530	SB-530	SB-531	SB-531	SB-531	SB-533
					11/4/2014	11/4/2014	11/19/2014	11/19/2014	11/19/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014
	Unrestricted	Commercial	Industrial	TSCA	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
PCB's																													
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.037 U	< 0.041 U	< 0.042 U	< 0.055 U	< 0.044 U	< 0.039 U	< 0.036 U	< 0.036 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.043 U	< 0.062 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.044 U	< 0.036 U	< 0.035 U	< 0.036 U	< 0.036 U	< 0.038 U	< 0.037 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.037 U	< 0.041 U	< 0.042 U	< 0.055 U	< 0.044 U	< 0.039 U	< 0.036 U	< 0.036 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.043 U	< 0.062 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.044 U	< 0.036 U	< 0.035 U	< 0.036 U	< 0.036 U	< 0.038 U	< 0.037 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.037 U	< 0.041 U	< 0.042 U	< 0.055 U	< 0.044 U	< 0.039 U	< 0.036 U	< 0.036 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.043 U	< 0.062 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.044 U	< 0.036 U	< 0.035 U	< 0.036 U	< 0.036 U	< 0.038 U	< 0.037 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.037 U	< 0.041 U	< 0.042 U	< 0.055 U	< 0.044 U	< 0.039 U	< 0.036 U	< 0.036 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.043 U	< 0.062 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.044 U	< 0.036 U	< 0.035 U	< 0.036 U	< 0.036 U	< 0.038 U	< 0.037 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.037 U	< 0.041 U	< 0.042 U	< 0.055 U	< 0.044 U	< 0.039 U	< 0.036 U	< 0.036 U	< 0.045 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.043 U	< 0.062 U	1.66 J	< 0.039 U	< 0.038 U	< 0.044 U	< 0.036 U	< 0.035 U	< 0.036 U	< 0.036 U	< 0.038 U	< 0.037 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.037 U	< 0.041 U	< 0.042 U	< 0.055 U	< 0.044 U	< 0.039 U	< 0.036 U	< 0.036 U	0.0444 J	< 0.038 U	0.0706 J	< 0.038 U	< 0.038 U	< 0.043 U	< 0.062 U	< 0.037 U	< 0.039 U	< 0.038 U	< 0.044 U	< 0.036 U	< 0.035 U	< 0.036 U	< 0.036 U	< 0.038 U	< 0.037 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	36.3 J	10.5	4.42	16.1	26.6 J	0.239 J	0.0493	< 0.036 U	0.21	3.47	0.191	0.0751	2.31	2.99	1.83	0.29 J	0.317 J	12.6	0.577	0.0804	0.0913	0.724	0.543	< 0.038 U	0.153
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**36.3**	**10.5**	**4.42**	**16.1**	**26.6**	**0.239**	0.0493	< 0.036 U	**0.254**	**3.47**	**0.262**	0.0751	**2.31**	**2.99**	**1.83**	**1.95**	**0.317**	**12.6**	**0.577**	0.0804	0.0913	**0.724**	**0.543**	< 0.038 U	**0.153**
VOCs																													
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 UJ	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 UJ	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	0.585 J	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 UJ	< 0.0078 U	< 0.76 UJ	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
BENZENE	**0.06**	44	89	NE	< 0.09 U	< 0.085 U	< 0.12 U	< 0.22 U	< 0.13 U	0.00074	0.00060 J	0.00046 J	< 0.08 U	0.00033 J	< 0.074 U	0.00062	< 0.00061 U	< 0.00083 U	< 0.18 U	0.0014	< 0.089 U	< 0.19 U	< 0.00078 U	< 0.076 U	0.00053 J	0.00046	< 0.00051 U	0.0016	0.00087
BROMOBENZENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
BROMOFORM	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 UJ
BROMOMETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	**1.06**	0.00044 J	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
CHLOROETHANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
CHLOROFORM	**0.37**	350	700	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	**0.534**	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	**4.06**	**2.8**	< 0.47 U	**2.75**	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	0.00061 J	< 0.0024 U	0.0027 J	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
CYMENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	0.452 J	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
ETHYLBENZENE	**1**	**390**	**780**	NE	0.17 J	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	0.32	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	0.163 J	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	**1.22**	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	0.00064 J	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	**1.01**	< 0.0024 U	< 0.0018 U	< 0.0021 U	0.0025	0.0020 J
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
NAPHTHALENE	**12**	500	1000	NE	0.476 J	0.197 J	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	0.0039 J	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	0.765	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
N-BUTYLBENZENE	NE	NE	NE	NE	0.0941 J	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	0.0953 J	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	0.201 J	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	0.697	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	0.892	< 0.0024 U	< 0.0018 U	< 0.0021 U	0.00064 J	0.00097 J
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
STYRENE	NE	NE	NE	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.9 U	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	< 0.0070 U	< 0.0068 U	< 0.0063 U	< 0.8 U	< 0.0047 U	< 0.74 U	< 0.0047 U	< 0.0061 U	< 0.0083 U	< 1.8 U	< 0.0096 U	< 0.89 U	< 1.9 U	< 0.0078 U	< 0.76 U	< 0.0059 U	< 0.0046 U	< 0.0051 U	< 0.0059 U	< 0.0063 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
TOLUENE	**0.7**	**500**	**1000**	NE	**1.03**	< 0.85 U	< 1.2 U	< 2.2 U	< 1.3 U	0.0011 J	0.00062 J	0.00085 J	< 0.8 U	0.00041 J	< 0.74 U	0.00094 J	0.00037 J	< 0.0083 U	< 1.8 U	0.0011 J	< 0.89 U	< 1.9 U	0.0021 J	**16.8**	0.0051 J	0.00056 J	< 0.0051 U	0.0033 J	0.0017 J
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	**0.369**	**0.263 J**	< 0.47 U	**1.41**	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	**5.47**	**2.17**	**4.79**	**112**	**8.25**	0.0018 J	0.00067 J	0.0156	< 0.32 U	0.00069 J	< 0.29 U	0.0022	0.0062	0.0095	**4.68**	0.0101	**2.97**	**11.5**	0.0444	**11.3**	0.0066	0.00069 J	< 0.0021 U	< 0.0023 U	0.00088 J
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.36 U	< 0.34 U	< 0.47 U	< 0.9 U	< 0.53 U	< 0.0028 U	< 0.0027 U	< 0.0025 U	< 0.32 U	< 0.0019 U	< 0.29 U	< 0.0019 U	< 0.0024 U	< 0.0033 U	< 0.71 U	< 0.0038 U	< 0.35 U	< 0.76 U	< 0.0031 U	< 0.3 U	< 0.0024 U	< 0.0018 U	< 0.0021 U	< 0.0023 U	< 0.0025 U
Total VOCs-CALC	NE	NE	NE	NE	**13.6**	**5.43**	**4.79**	**116**	**8.25**	0.0036	0.0019	0.0169	0.452	0.0014	< 0.74 U	0.0050	0.01	0.012	**4.68**	0.0126	**2.97**	**11.5**	0.0465	**33.7**	0.013	0.0017	< 0.0051 U	0.0080	0.0064

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

AECOM

Table 2
PCB and VOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives				SB-533	SB-533	SB-533	SB-534	SB-534	SB-534	SB-535	SB-535	SB-535	TR-29D	TR-29D	TR-29D
					11/3/2014	11/3/2014	11/3/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	11/20/2014	11/21/2014	11/21/2014
	Unrestricted	Commercial	Industrial	TSCA	0.5 - 4ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4ft	4 - 8 ft	28 - 30 ft	52 - 54 ft	62 - 64 ft
					N	N	N	N	N	N	N	N	N	N	N	N
PCB's																
PCB-1016 (AROCLOR 1016)	NE	NE	NE	NE	< 0.039 U	< 0.047 U	< 0.055 U	< 0.039 U	< 0.046 U	< 0.041 U	< 0.039 U	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB-1221 (AROCLOR 1221)	NE	NE	NE	NE	< 0.039 U	< 0.047 U	< 0.055 U	< 0.039 U	< 0.046 U	< 0.041 U	< 0.039 U	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB-1232 (AROCLOR 1232)	NE	NE	NE	NE	< 0.039 U	< 0.047 U	< 0.055 U	< 0.039 U	< 0.046 U	< 0.041 U	< 0.039 U	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB-1242 (AROCLOR 1242)	NE	NE	NE	NE	< 0.039 U	< 0.047 U	< 0.055 U	< 0.039 U	< 0.046 U	< 0.041 U	< 0.039 U	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB-1248 (AROCLOR 1248)	NE	NE	NE	NE	< 0.039 U	< 0.047 U	< 0.055 U	0.0317 J	< 0.046 U	< 0.041 U	< 0.039 U	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB-1254 (AROCLOR 1254)	NE	NE	NE	NE	< 0.039 U	0.0448 J	< 0.055 U	0.0700 J	< 0.046 U	< 0.041 U	< 0.039 U	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB-1260 (AROCLOR 1260)	NE	NE	NE	NE	0.126	0.0602	0.0984	0.0725	0.0616	0.0161 J	0.139	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
PCB, TOTAL	**0.1**	**1**	**25**	**50**	**0.126**	**0.105**	0.0984	**0.174**	0.0616	0.0161	**0.139**	< 0.037 U	< 0.038 U	< 0.043 U	< 0.041 U	< 0.037 U
VOCs																
1,1,1,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
1,1,1-TRICHLOROETHANE	**0.68**	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,1,2,2-TETRACHLOROETHANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 UJ	< 0.0022 U	< 0.0017 U
1,1,2-TRICHLOROETHANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,1-DICHLOROETHANE	**0.27**	240	480	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,1-DICHLOROETHENE	**0.33**	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,1-DICHLOROPROPENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
1,2,3-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
1,2,3-TRICHLOROPROPANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
1,2,4-TRICHLOROBENZENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
1,2,4-TRIMETHYLBENZENE	**3.6**	**190**	**380**	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
1,2-DIBROMO-3-CHLOROPROPANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,2-DICHLOROBENZENE	**1.1**	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 UJ	< 0.0022 U	< 0.0017 U
1,2-DICHLOROETHANE	0.02	30	60	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**8.4**	**190**	**380**	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
1,3-DICHLOROBENZENE	2.4	280	560	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 UJ	< 0.0022 U	< 0.0017 U
1,3-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
1,4-DICHLOROBENZENE	**1.8**	130	250	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 UJ	< 0.0022 U	< 0.0017 U
2,2-DICHLOROPROPANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
2-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
4-CHLOROTOLUENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
BENZENE	**0.06**	44	89	NE	< 0.00055 U	< 0.0011 U	< 0.0012 U	0.00088	< 0.00078 U	< 0.00071 U	< 0.00061 U	< 0.00059 U	0.00061	< 0.00062 U	0.00041 J	0.00036 J
BROMOBENZENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
BROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
BROMODICHLOROMETHANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
BROMOFORM	NE	NE	NE	NE	< 0.0022 UJ	< 0.0044 UJ	< 0.0048 UJ	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
BROMOMETHANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
CARBON TETRACHLORIDE	**0.76**	22	44	NE	< 0.0022 U	0.0577	0.0032 J	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
CHLOROBENZENE	**1.1**	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
CHLOROETHANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
CHLOROFORM	**0.37**	350	700	NE	< 0.0022 U	0.0229	0.0054	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
CHLOROMETHANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
CIS-1,2-DICHLOROETHYLENE	**0.25**	**500**	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	0.0533	< 0.0022 U	< 0.0017 U
CYMENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
DIBROMOCHLOROMETHANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
DIBROMOMETHANE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
DICHLORODIFLUOROMETHANE	NE	NE	NE	NE	< 0.0022 U	0.0115	0.0117	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
ETHYLBENZENE	**1**	**390**	**780**	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
HEXACHLOROBUTADIENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
ISOPROPYLBENZENE (CUMENE)	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
M,P-XYLENE (SUM OF ISOMERS)	**0.26**	**500**	**1000**	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
METHYLENE CHLORIDE	**0.05**	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
NAPHTHALENE	**12**	500	1000	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
N-BUTYLBENZENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
N-PROPYLBENZENE	**3.9**	500	1000	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
O-XYLENE (1,2-DIMETHYLBENZENE)	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
SEC-BUTYLBENZENE	**11**	500	1000	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
STYRENE	NE	NE	NE	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 U	< 0.0054 U	< 0.0042 U
T-BUTYLBENZENE	**5.9**	500	1000	NE	< 0.0055 U	< 0.011 U	< 0.012 U	< 0.0086 U	< 0.0078 U	< 0.0071 U	< 0.0061 U	< 0.0059 U	< 0.0052 U	< 0.0062 UJ	< 0.0054 U	< 0.0042 U
TERT-BUTYL METHYL ETHER	0.93	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
TETRACHLOROETHYLENE(PCE)	1.3	150	300	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
TOLUENE	**0.7**	**500**	**1000**	NE	0.00039 J	< 0.011 U	< 0.012 U	0.00097 J	< 0.0078 U	< 0.0071 U	0.00034 J	0.00034 J	0.00043 J	0.00039 J	< 0.0054 U	< 0.0042 U
TRANS-1,2-DICHLOROETHENE	**0.19**	500	1000	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
TRICHLOROETHYLENE (TCE)	**0.47**	**200**	**400**	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	0.0011 J	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
TRICHLOROFLUOROMETHANE	NE	NE	NE	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	< 0.0025 U	< 0.0022 U	< 0.0017 U
VINYL CHLORIDE	**0.02**	**13**	**27**	NE	< 0.0022 U	< 0.0044 U	< 0.0048 U	< 0.0034 U	< 0.0031 U	< 0.0029 U	< 0.0024 U	< 0.0023 U	< 0.0021 U	0.0066	< 0.0022 U	< 0.0017 U
Total VOCs-CALC	NE	NE	NE	NE	0.00039	0.0921	0.0203	0.0030	< 0.0078 U	< 0.0071 U	0.00034	0.00034	0.0010	0.0603	0.00041	0.00036

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious deficiencies

Table 3
SVOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			Sample ID:	SB-501	SB-501	SB-501	SB-502	SB-502	SB-502	SB-502	SB-502	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-504	SB-504	SB-504	SB-504	SB-504	SB-504	SB-505	SB-505	SB-505
	Unrestricted	Commercial	Industrial	Sample Date:	11/11/2014	11/11/2014	11/11/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014
				Depth Interval:	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	24 - 28 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft
				Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
SVOC's																														
1,2,4-TRICHLOROBENZENE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
1,2-DICHLOROBENZENE	1.1	500	1000	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	0.388	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	0.163 J	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
1,3-DICHLOROBENZENE	2.4	280	560	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
1,4-DICHLOROBENZENE	1.8	130	250	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	0.0332 J	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
2,4,5-TRICHLOROPHENOL	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2,4,6-TRICHLOROPHENOL	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2,4-DICHLOROPHENOL	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2,4-DIMETHYLPHENOL	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2,4-DINITROPHENOL	NE	NE	NE	mg/kg	< 1.2 UJ	< 1.1 UJ	< 1.2 UJ	< 1.2 UJ	< 1.3 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 U	< 1.5 UJ	< 1.1 UJ	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.2 U	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.1 UJ	< 1.2 UJ	< 1.2 U	< 1.2 UJ	< 1.3 UJ	< 1.1 UJ	< 1.2 UJ
2,4-DINITROTOLUENE	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 UJ	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2,6-DINITROTOLUENE	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 UJ	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2-CHLORONAPHTHALENE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
2-CHLOROPHENOL	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
2-METHYLNAPHTHALENE	NE	NE	NE	mg/kg	< 0.12 U	0.144	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.11 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.11 U	< 0.12 U	< 0.12 U	< 0.12 U	0.148	0.0783 J	< 0.12 U
2-METHYLPHENOL (O-CRESOL)	0.33	500	1000	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2-NITROANILINE	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
2-NITROPHENOL	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
3,3'-DICHLOROBENZIDINE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
3-NITROANILINE	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	NE	mg/kg	< 0.62 UJ	< 0.55 UJ	< 0.61 UJ	< 0.59 UJ	< 0.65 UJ	< 0.61 UJ	< 0.6 UJ	< 0.61 U	< 0.74 UJ	< 0.56 UJ	< 0.66 UJ	< 0.63 UJ	< 0.64 UJ	< 0.63 UJ	< 0.62 U	< 0.62 UJ	< 0.62 UJ	< 0.6 UJ	< 0.58 UJ	< 0.55 UJ	< 0.59 UJ	< 0.61 U	< 0.61 UJ	< 0.64 UJ	< 0.56 UJ	< 0.59 UJ
4-BROMOPHENYL PHENYL ETHER	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
4-CHLORO-3-METHYLPHENOL	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
4-CHLOROANILINE	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
4-METHYLPHENOL (P-CRESOL)	0.33	500	1000	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
4-NITROANILINE	NE	NE	NE	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 U	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
4-NITROPHENOL	NE	NE	NE	mg/kg	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 UJ	< 1.5 U	< 1.1 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.3 U	< 1.1 U	< 1.2 U
ACENAPHTHENE	20	500	1000	mg/kg	< 0.12 U	0.197	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.11 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.11 U	< 0.12 U	< 0.12 U	< 0.12 U	1.27	0.354	< 0.12 U
ACENAPHTHYLENE	100	500	1000	mg/kg	< 0.12 U	< 0.11 U	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	0.0120 J	0.0227 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.0233 J	0.0209 J	< 0.11 U	< 0.12 U	< 0.12 U	< 0.12 U	0.0247 J	0.0116 J	< 0.12 U
ANTHRACENE	100	500	1000	mg/kg	< 0.12 U	0.427	< 0.12 U	0.0537 J	0.0707 J	0.0183 J	< 0.12 U	< 0.12 U	0.0341 J	0.0875 J	0.132	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.0665 J	0.0765 J	0.0756 J	0.0166 J	< 0.12 U	< 0.12 U	1.89	0.596	< 0.12 U
BENZO(A)ANTHRACENE	**1**	**5.6**	**11**	mg/kg	< 0.12 U	0.769	0.0390 J	0.215	0.0565 J	0.0569 J	< 0.12 U	< 0.12 U	0.0967 J	0.246	0.241	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.251	0.273	0.196	0.0490 J	< 0.12 U	< 0.12 U	**4.58**	**1.66**	< 0.12 U
BENZO(A)PYRENE	**1**	**1**	**1.1**	mg/kg	< 0.12 U	0.632	0.0336 J	0.176	0.0495 J	0.0547 J	< 0.12 U	< 0.12 U	0.0797 J	0.212	0.191	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.209	0.244	0.17	0.0377 J	< 0.12 U	< 0.12 U	**4.21**	**1.47**	< 0.12 U
BENZO(B)FLUORANTHENE	**1**	**5.6**	**11**	mg/kg	< 0.12 U	0.532	0.0323 J	0.163	0.0503 J	0.0527 J	< 0.12 U	< 0.12 U	0.0993 J	0.25	0.209	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.188	0.23	0.158	0.0347 J	< 0.12 U	< 0.12 U	**4.21**	**1.42**	< 0.12 U
BENZO(G,H,I)PERYLENE	100	500	1000	mg/kg	< 0.12 U	0.388	< 0.12 U	0.125	0.0427 J	0.0436 J	< 0.12 U	< 0.12 U	0.0641 J	0.156	0.116 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.144	0.161	0.103 J	< 0.12 U	< 0.12 U	< 0.12 U	3.19	1.1	< 0.12 U
BENZO(K)FLUORANTHENE	**0.8**	56	110	mg/kg	< 0.12 U	0.45	0.0289 J	0.141	0.0444 J	0.0483 J	< 0.12 U	< 0.12 U	0.0603 J	0.13	0.152	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.178	0.19	0.127	0.0311 J	< 0.12 U	< 0.12 U	**2.94**	**1.28**	< 0.12 U
BENZYL BUTYL PHTHALATE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	0.159 J	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 UJ	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 UJ	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	0.0836 J	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	0.308 J	< 0.28 U	0.523	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	0.0922 J	< 0.31 U	0.334	0.228 J	0.702	0.148 J	< 0.31 U	< 0.31 U	0.2 J	< 0.28 U	< 0.29 U
CARBAZOLE	NE	NE	NE	mg/kg	< 0.12 U	0.191	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	0.0718 J	0.0640 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.11 U	< 0.12 U	< 0.12 U	< 0.12 U	1.78	0.576	< 0.12 U
CHRYSENE	**1**	56	110	mg/kg	< 0.12 U	0.68	0.0424 J	0.206	0.0638 J	0.0670 J	< 0.12 U	< 0.12 U	0.0995 J	0.238	0.245	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.238	0.26	0.186	0.0485 J	< 0.12 U	< 0.12 U	**4.85**	**1.75**	< 0.12 U
DIBENZ(A,H)ANTHRACENE	**0.33**	**0.56**	**1.1**	mg/kg	< 0.12 U	0.0879 J	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	0.0361 J	0.0233 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.0611 J	0.0238 J	0.0358 J	< 0.12 U	< 0.12 U	< 0.12 U	**1.36**	**0.424**	< 0.12 U
DIBENZOFURAN	NE	NE	NE	mg/kg	< 0.12 U	0.135	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.11 U	0.0505 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.11 U	< 0.12 U	< 0.12 U	< 0.12 U	0.813	0.208	< 0.12 U
DIETHYL PHTHALATE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
DIMETHYL PHTHALATE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
DI-N-BUTYL PHTHALATE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	0.122 J	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
DI-N-OCTYLPHTHALATE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 UJ	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
FLUORANTHENE	**100**	500	1000	mg/kg	0.0310 J	1.47	0.0744 J	0.356	0.108 J	0.122	< 0.12 U	< 0.12 U	0.195	0.537	0.52	0.0539 J	0.0683 J	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.403	0.537	0.354	0.0863 J	< 0.12 U	< 0.12 U	13.7	4.27	0.0378 J
FLUORENE	30	500	1000	mg/kg	< 0.12 U	0.189	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.11 U	0.0659 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.11 U	< 0.12 U	< 0.12 U	< 0.12 U	1.24	0.391	< 0.12 U
HEXACHLOROBENZENE	0.33	6	12	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
HEXACHLOROBUTADIENE	NE	NE	NE	mg/kg	< 0.31 UJ	< 0.27 UJ	< 0.3 UJ	< 0.29 UJ	< 0.32 UJ	< 0.3 UJ	< 0.3 UJ	< 0.31 U	< 0.37 UJ	< 0.28 UJ	< 0.33 UJ	< 0.32 UJ	< 0.32 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.31 UJ	< 0.3 UJ	< 0.29 UJ	< 0.28 UJ	< 0.3 UJ	< 0.31 UJ	< 0.31 UJ	< 0.32 UJ	< 0.28 UJ	< 0.29 UJ
HEXACHLOROCYCLOPENTADIENE	NE	NE	NE	mg/kg	< 0.62 UJ	< 0.55 UJ	< 0.61 UJ	< 0.59 UJ	< 0.65 UJ	< 0.61 UJ	< 0.6 UJ	< 0.61 UJ	< 0.74 UJ	< 0.56 UJ	< 0.66 UJ	< 0.63 UJ	< 0.64 UJ	< 0.63 UJ	< 0.62 U	< 0.62 UJ	< 0.62 UJ	< 0.6 UJ	< 0.58 UJ	< 0.55 UJ	< 0.59 UJ	< 0.61 U	< 0.61 UJ	< 0.64 UJ	< 0.56 UJ	< 0.59 UJ
HEXACHLOROETHANE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
INDENO(1,2,3-C,D)PYRENE	**0.5**	**5.6**	**11**	mg/kg	< 0.12 U	0.43	< 0.12 U	0.127	0.0335 J	0.0351 J	< 0.12 U	< 0.12 UJ	0.0585 J	0.153	0.126 J	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.147	0.165	0.104 J	< 0.12 U	< 0.12 U	< 0.12 U	**2.84**	**1.09**	< 0.12 U
ISOPHORONE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
NAPHTHALENE	12	500	1000	mg/kg	< 0.12 U	0.178	< 0.12 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.15 U	< 0.11 U	0.4	< 0.13 U	< 0.13 U	0.0472 J	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.0412 J	< 0.12 U	< 0.12 U	< 0.12 U	0.266	0.148	< 0.12 U
NITROBENZENE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 UJ	< 0.32 UJ	< 0.3 UJ	< 0.3 UJ	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
N-NITROSODI-N-PROPYLAMINE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
N-NITROSODIPHENYLAMINE	NE	NE	NE	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
PENTACHLOROPHENOL	0.8	6.7	55	mg/kg	< 0.62 U	< 0.55 U	< 0.61 U	< 0.59 U	< 0.65 U	< 0.61 U	< 0.6 U	< 0.61 UJ	< 0.74 U	< 0.56 U	< 0.66 U	< 0.63 U	< 0.64 U	< 0.63 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.6 U	< 0.58 U	< 0.55 U	< 0.59 U	< 0.61 U	< 0.61 U	< 0.64 U	< 0.56 U	< 0.59 U
PHENANTHRENE	**100**	500	1000	mg/kg	< 0.12 U	1.58	0.0594 J	0.215	0.0705 J	0.0890 J	< 0.12 U	< 0.12 U	0.119 J	0.455	0.516	< 0.13 U	< 0.13 U	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.222	0.202	0.281	0.0711 J	< 0.12 U	< 0.12 U	14.4	4.17	< 0.12 U
PHENOL	0.33	500	1000	mg/kg	< 0.31 U	< 0.27 U	< 0.3 U	< 0.29 U	< 0.32 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.37 U	< 0.28 U	< 0.33 U	< 0.32 U	< 0.32 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.3 U	< 0.29 U	< 0.28 U	< 0.3 U	< 0.31 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.29 U
PYRENE	100	500	1000	mg/kg	0.0350 J	1.35	0.0743 J	0.339	0.0987 J	0.113 J	< 0.12 U	< 0.12 U	0.172	0.509	0.429	0.0432 J	0.0611 J	< 0.13 U	< 0.12 U	< 0.12 U	< 0.12 U	0.41	0.432	0.319	0.0826 J	< 0.12 U	< 0.12 U	11.8	3.92	0.0352 J
TOTAL SVOCS	NE	NE	NE	mg/kg	0.0660	9.83	0.384	2.2	0.689	0.701	< 1.2 U	< 1.2 U	1.39	3.09	4.03	0.0971	0.129	0.468	< 1.2 U	0.0922	< 1.2 U	2.87	3.32	2.85	0.606	0.163	< 1.2 U	**75.7**	**24.9**	0.0730

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample

AECOM

Table 3
SVOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-505	SB-506	SB-506	SB-506	SB-506	SB-506	SB-507	SB-507	SB-507	SB-507	SB-507	SB-507	SB-508	SB-508	SB-508	SB-508	SB-508	SB-508	SB-510	SB-510	SB-510	SB-510	SB-511	SB-511	SB-511	SB-511	SB-511
				11/11/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
	Unrestricted	Commercial	Industrial	8 - 12 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	4 - 8 ft	16 - 20 ft
				N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
SVOC's																														
1,2,4-TRICHLOROBENZENE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	0.146 J	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
1,2-DICHLOROBENZENE	1.1	500	1000	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	0.49 J	< 0.29 U	< 0.3 U	0.146 J	< 0.31 U	0.199 J	< 0.27 U	0.122 J	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
1,3-DICHLOROBENZENE	2.4	280	560	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	0.186 J	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
1,4-DICHLOROBENZENE	1.8	130	250	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	0.803 J	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	0.0155 J	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
2,4,5-TRICHLOROPHENOL	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2,4,6-TRICHLOROPHENOL	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2,4-DICHLOROPHENOL	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2,4-DIMETHYLPHENOL	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 UJ	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2,4-DINITROPHENOL	NE	NE	NE	< 1.3 UJ	< 6.8 U	< 6.7 UJ	R	< 1.2 UJ	< 1.3 UJ	< 1.2 U	< 1.1 U	< 24 U	< 6 U	< 1.2 U	< 1.2 U	R	< 1.2 U	R	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.3 U	< 1.4 U	< 1.1 U	< 1.2 U	< 5.6 U	< 1.2 U
2,4-DINITROTOLUENE	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	< 3.6 UJ	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2,6-DINITROTOLUENE	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	< 3.6 UJ	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 UJ	< 0.56 UJ	< 0.58 UJ	< 2.8 UJ	< 0.61 UJ
2-CHLORONAPHTHALENE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
2-CHLOROPHENOL	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	R	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
2-METHYLNAPHTHALENE	NE	NE	NE	< 0.13 U	< 0.68 U	< 0.67 U	< 0.13 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.11 U	< 2.4 U	0.657	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.204 J	< 0.12 U	0.171	< 0.12 U	0.0856 J	< 0.11 U	< 0.11 U	< 0.13 U	0.0367 J	0.0857 J	0.0864 J	2.13 J	< 0.12 U
2-METHYLPHENOL (O-CRESOL)	0.33	500	1000	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2-NITROANILINE	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	< 3.6 UJ	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
2-NITROPHENOL	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
3,3'-DICHLOROBENZIDINE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 UJ	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
3-NITROANILINE	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	< 3.6 UJ	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	NE	< 0.67 UJ	< 3.4 UJ	< 3.3 UJ	< 0.67 UJ	< 0.6 UJ	< 0.63 UJ	< 0.62 UJ	< 0.55 UJ	< 12 UJ	< 3 UJ	< 0.58 UJ	< 0.61 UJ	< 0.61 UJ	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 UJ	< 0.54 UJ	< 0.55 UJ	< 0.65 UJ	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
4-BROMOPHENYL PHENYL ETHER	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
4-CHLORO-3-METHYLPHENOL	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
4-CHLOROANILINE	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 UJ	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	< 3.6 UJ	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
4-METHYLPHENOL (P-CRESOL)	0.33	500	1000	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 U	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
4-NITROANILINE	NE	NE	NE	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 UJ	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	< 3.6 UJ	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
4-NITROPHENOL	NE	NE	NE	< 1.3 U	< 6.8 U	< 6.7 U	< 1.3 U	< 1.2 U	< 1.3 U	< 1.2 U	< 1.1 U	< 24 U	< 6 U	< 1.2 U	< 1.2 U	< 1.2 UJ	< 1.2 U	R	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.3 U	< 1.4 U	< 1.1 U	< 1.2 U	< 5.6 U	< 1.2 U
ACENAPHTHENE	20	500	1000	< 0.13 U	< 0.68 U	< 0.67 U	0.0951 J	< 0.12 U	< 0.13 U	0.0973 J	< 0.11 U	14.5	5.79	< 0.12 U	0.0993 J	< 0.12 U	0.0584 J	0.381 J	< 0.12 U	0.55	< 0.12 U	0.351	0.0836 J	< 0.11 U	< 0.13 U	0.0209 J	0.0269 J	0.0459 J	15.1 J	< 0.12 U
ACENAPHTHYLENE	100	500	1000	< 0.13 U	< 0.68 U	< 0.67 U	0.0193 J	< 0.12 U	< 0.13 U	0.0214 J	0.0144 J	0.354 J	0.364 J	< 0.12 U	< 0.12 U	< 0.12 U	0.0291 J	0.44 J	< 0.12 U	0.0377 J	< 0.12 U	0.0447 J	0.109 J	< 0.11 U	< 0.13 U	0.0182 J	0.0662 J	0.0680 J	0.211 J	< 0.12 U
ANTHRACENE	100	500	1000	< 0.13 U	0.338 J	0.32 J	0.114 J	< 0.12 U	< 0.13 U	0.134	0.0226 J	21.4	11.5	< 0.12 U	0.186	0.0350 J	0.152	1.44 J	< 0.12 U	1.12	< 0.12 U	0.78	0.275	< 0.11 U	< 0.13 U	0.0497 J	0.0882 J	0.147 J	17.7 J	< 0.12 U
BENZO(A)ANTHRACENE	**1**	**5.6**	**11**	< 0.13 U	0.868	0.913	0.301	< 0.12 U	< 0.13 U	0.346	0.0806 J	**39.5**	**29.3**	< 0.12 U	0.417	0.103 J	0.304	**8.11 J**	< 0.12 U	**2.41**	< 0.12 U	**1.85**	0.868	< 0.11 U	< 0.13 U	0.163	0.326	0.448 J	**32.1 J**	< 0.12 U
BENZO(A)PYRENE	**1**	**1**	**1.1**	< 0.13 U	0.679 J	0.66 J	0.216	< 0.12 U	< 0.13 U	0.262	0.0751 J	**36.5**	**26.6**	< 0.12 U	0.358	0.0868 J	0.255	**7.78 J**	< 0.12 U	**2.12**	< 0.12 U	**1.59**	0.82	< 0.11 U	< 0.13 U	0.145	0.254	0.302 J	**26.9 J**	< 0.12 U
BENZO(B)FLUORANTHENE	**1**	**5.6**	**11**	< 0.13 U	0.642 J	0.677	0.244	< 0.12 U	< 0.13 U	0.242	0.0697 J	**32.7**	**23.7**	< 0.12 U	0.328	0.0811 J	0.217	**6.4 J**	< 0.12 U	**2**	< 0.12 U	**1.46**	0.811	< 0.11 U	< 0.13 U	0.156	0.258	0.348 J	**25.6 J**	< 0.12 U
BENZO(G,H,I)PERYLENE	100	500	1000	< 0.13 U	0.475 J	0.433 J	0.141	< 0.12 U	< 0.13 U	0.165	0.0484 J	22.6	19.4	< 0.12 U	0.24	0.0596 J	0.155	4.34 J	< 0.12 U	1.41	< 0.12 U	0.927	0.584	< 0.11 U	< 0.13 U	0.0817 J	0.116	0.128 J	11.8 J	< 0.12 U
BENZO(K)FLUORANTHENE	**0.8**	56	110	< 0.13 U	0.623 J	0.497 J	0.197	< 0.12 U	< 0.13 U	0.242	0.0562 J	**27.2**	**19.6**	< 0.12 U	0.274	0.0660 J	0.225	**5.91 J**	< 0.12 U	**1.56**	< 0.12 U	**1.19**	0.597	< 0.11 U	< 0.13 U	0.149	0.269	0.293 J	**18 J**	< 0.12 U
BENZYL BUTYL PHTHALATE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	0.0173 J	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 UJ	< 0.28 UJ	< 0.29 UJ	< 1.4 UJ	< 0.31 UJ
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	0.0839 J	< 0.3 U	< 0.32 U	0.143 J	< 0.28 U	< 6 U	0.431 J	< 0.29 U	< 0.31 U	0.0932 J	0.0805 J	0.199 J	< 0.29 U	< 0.3 U	< 0.3 U	0.203 J	< 0.27 U	0.0681 J	< 0.32 U	0.232 J	0.0880 J	0.378	0.365 J	< 0.31 U
CARBAZOLE	NE	NE	NE	< 0.13 U	< 0.68 U	< 0.67 U	< 0.13 U	< 0.12 U	< 0.13 U	0.0571 J	< 0.11 U	15.5	6.85	< 0.12 U	0.122	< 0.12 U	0.0389 J	0.369 J	< 0.12 U	0.615	< 0.12 U	0.414	0.104 J	< 0.11 U	< 0.13 U	< 0.14 U	0.0184 J	0.0303 J	8.8 J	< 0.12 U
CHRYSENE	**1**	56	110	< 0.13 U	0.845	0.889	0.301	< 0.12 U	< 0.13 U	0.33	0.0744 J	**40.2**	**28.4**	< 0.12 U	0.408	0.0967 J	0.277	**8.67 J**	< 0.12 U	**2.27**	< 0.12 U	**1.7**	0.85	< 0.11 U	< 0.13 U	0.184	0.334	0.443 J	**31.2 J**	< 0.12 U
DIBENZ(A,H)ANTHRACENE	**0.33**	**0.56**	**1.1**	< 0.13 U	< 0.68 U	< 0.67 U	0.0250 J	< 0.12 U	< 0.13 U	0.0165 J	< 0.11 U	**9.52**	**7.58**	< 0.12 U	0.0409 J	< 0.12 U	0.0193 J	**1.55 J**	< 0.12 U	**0.606**	< 0.12 U	**0.434**	0.225	< 0.11 U	< 0.13 U	< 0.14 U	0.0571 J	0.0620 J	**5.21 J**	< 0.12 U
DIBENZOFURAN	NE	NE	NE	< 0.13 U	< 0.68 U	< 0.67 U	< 0.13 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.11 U	8.89	3.63	< 0.12 U	0.0604 J	< 0.12 U	0.0424 J	0.181 J	< 0.12 U	0.296	< 0.12 U	0.168	0.0393 J	< 0.11 U	< 0.13 U	0.0193 J	< 0.11 U	0.0356 J	5.17 J	< 0.12 U
DIETHYL PHTHALATE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
DIMETHYL PHTHALATE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
DI-N-BUTYL PHTHALATE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
DI-N-OCTYLPHTHALATE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 UJ	< 0.28 UJ	< 0.29 UJ	< 1.4 UJ	< 0.31 UJ
FLUORANTHENE	**100**	500	1000	< 0.13 U	1.63	1.7	0.673	< 0.12 U	< 0.13 U	0.635	0.112	**101**	62	0.0589 J	0.955	0.185	0.568	14.1 J	0.0452 J	4.87	< 0.12 U	3.05	1.5	< 0.11 U	< 0.13 U	0.31	0.483	0.921 J	66 J	< 0.12 U
FLUORENE	30	500	1000	< 0.13 U	< 0.68 U	< 0.67 U	0.0633 J	< 0.12 U	< 0.13 U	0.0531 J	< 0.11 U	13.6	5.85	< 0.12 U	0.0987 J	< 0.12 U	0.0613 J	0.63 J	< 0.12 U	0.564	< 0.12 U	0.273	0.106 J	< 0.11 U	< 0.13 U	< 0.14 U	0.0233 J	0.0480 J	8.93 J	< 0.12 U
HEXACHLOROBENZENE	0.33	6	12	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
HEXACHLOROBUTADIENE	NE	NE	NE	< 0.33 UJ	< 1.7 UJ	< 1.7 UJ	< 0.33 UJ	< 0.3 UJ	< 0.32 UJ	< 0.31 UJ	< 0.28 UJ	< 6 UJ	< 1.5 UJ	< 0.29 UJ	< 0.31 UJ	< 0.31 UJ	< 0.3 UJ	< 1.8 UJ	< 0.29 UJ	< 0.3 UJ	< 0.3 UJ	< 0.31 UJ	< 0.27 UJ	< 0.27 UJ	< 0.32 UJ	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
HEXACHLOROCYCLOPENTADIENE	NE	NE	NE	< 0.67 UJ	< 3.4 UJ	< 3.3 UJ	< 0.67 UJ	< 0.6 UJ	< 0.63 UJ	< 0.62 UJ	< 0.55 UJ	< 12 UJ	< 3 UJ	< 0.58 UJ	< 0.61 UJ	< 0.61 UJ	< 0.6 UJ	< 3.6 UJ	< 0.59 UJ	< 0.6 UJ	< 0.59 UJ	< 0.61 UJ	< 0.54 UJ	< 0.55 UJ	< 0.65 UJ	< 0.69 U	< 0.56 U	< 0.58 U	< 2.8 U	< 0.61 U
HEXACHLOROETHANE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
INDENO(1,2,3-C,D)PYRENE	**0.5**	**5.6**	**11**	< 0.13 U	0.47 J	0.462 J	0.149	< 0.12 U	< 0.13 U	0.189	0.0512 J	**23.7**	**16.9**	< 0.12 U	0.251	0.0557 J	0.179	**4.93 J**	< 0.12 U	**1.46**	< 0.12 U	**1.02**	**0.592**	< 0.11 U	< 0.13 U	0.103 J	0.16	0.18 J	**15.6 J**	< 0.12 U
ISOPHORONE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
NAPHTHALENE	12	500	1000	< 0.13 U	< 0.68 U	< 0.67 U	< 0.13 U	< 0.12 U	< 0.13 U	< 0.12 U	< 0.11 U	2.97	1.25	< 0.12 U	< 0.12 U	< 0.12 U	0.0397 J	0.295 J	< 0.12 U	0.449	< 0.12 U	0.158	< 0.11 U	< 0.11 U	< 0.13 U	0.0308 J	0.0623 J	0.0736 J	6.59 J	< 0.12 U
NITROBENZENE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 UJ	< 0.33 U	< 0.3 UJ	< 0.32 UJ	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 UJ	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
N-NITROSODI-N-PROPYLAMINE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
N-NITROSODIPHENYLAMINE	NE	NE	NE	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	0.1 J	< 0.31 U	< 0.31 U	< 0.3 U	< 1.8 UJ	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
PENTACHLOROPHENOL	0.8	6.7	55	< 0.67 U	< 3.4 U	< 3.3 U	< 0.67 UJ	< 0.6 U	< 0.63 U	< 0.62 U	< 0.55 U	< 12 U	< 3 U	< 0.58 U	< 0.61 U	< 0.61 U	< 0.6 U	R	< 0.59 U	< 0.6 U	< 0.59 U	< 0.61 U	< 0.54 U	< 0.55 U	< 0.65 U	< 0.69 UJ	< 0.56 UJ	< 0.58 UJ	< 2.8 UJ	< 0.61 UJ
PHENANTHRENE	**100**	500	1000	< 0.13 U	1.3	1.16	0.527	< 0.12 U	< 0.13 U	0.502	0.0634 J	**113**	54.5	0.0643 J	0.973	0.118 J	0.483	5.37 J	< 0.12 U	4.1	< 0.12 U	2.64	1.01	< 0.11 U	< 0.13 U	0.217	0.298	0.579 J	63.1 J	< 0.12 U
PHENOL	0.33	500	1000	< 0.33 U	< 1.7 U	< 1.7 U	< 0.33 U	< 0.3 U	< 0.32 U	< 0.31 U	< 0.28 U	< 6 U	< 1.5 U	< 0.29 U	< 0.31 U	< 0.31 U	< 0.3 U	R	< 0.29 U	< 0.3 U	< 0.3 U	< 0.31 U	< 0.27 U	< 0.27 U	< 0.32 U	< 0.35 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.31 U
PYRENE	100	500	1000	< 0.13 U	1.43	1.48	0.588	< 0.12 U	< 0.13 U	0.598	0.119	82.7	52.7	0.0575 J	0.906	0.158	0.523	17.1 J	0.0414 J	4.33	< 0.12 U	2.82	1.48	< 0.11 U	< 0.13 U	0.298	0.476	0.828 J	56.1 J	< 0.12 U
TOTAL SVOCS	NE	NE	NE	< 1.3 U	9.3	9.19	3.74	< 1.2 U	< 1.3 U	4.03	0.787	**606**	**377**	0.281	5.72	1.14	3.71	**90**	0.0866	**30.9**	0.146	**21.2**	**10.3**	0.0681	0.122	2.23	3.49	5.44	**417**	< 1.2 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample

Table 3
SVOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-512	SB-512	SB-512	SB-513	SB-513	SB-513	SB-514	SB-514	SB-514	SB-515	SB-515	SB-515	SB-516	SB-516	SB-516	SB-517	SB-517	SB-517	SB-518	SB-518	SB-518	SB-519	SB-519	SB-519	SB-520	SB-520	SB-520
	Unrestricted	Commercial	Industrial	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014
				0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft
				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
SVOC's																														
1,2,4-TRICHLOROBENZENE	NE	NE	NE	< 0.35 U	0.168 J	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	0.18 J	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
1,2-DICHLOROBENZENE	1.1	500	1000	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
1,3-DICHLOROBENZENE	2.4	280	560	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
1,4-DICHLOROBENZENE	1.8	130	250	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
2,4,5-TRICHLOROPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2,4,6-TRICHLOROPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2,4-DICHLOROPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2,4-DIMETHYLPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2,4-DINITROPHENOL	NE	NE	NE	< 1.4 UJ	R	< 5.6 UJ	< 1.4 UJ	< 1.3 UJ	< 5.7 UJ	< 1.2 U	< 1.2 U	< 1.1 U	< 1.9 U	< 1.1 U	< 1.1 U	< 1.2 UJ	< 5.8 UJ	< 1.1 UJ	< 1.2 UJ	< 7.1 UJ	< 5.7 UJ	< 5.4 U	< 5.5 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	< 1.3 U	< 1 U	< 1.1 U
2,4-DINITROTOLUENE	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2,6-DINITROTOLUENE	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2-CHLORONAPHTHALENE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
2-CHLOROPHENOL	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
2-METHYLNAPHTHALENE	NE	NE	NE	< 0.14 U	0.229	0.798	< 0.14 U	0.417	0.854	< 0.12 U	0.0938 J	0.176	0.434	< 0.11 U	< 0.11 U	0.139	0.364 J	< 0.11 U	< 0.12 U	< 0.71 U	1.09	0.614	< 0.55 U	< 0.12 U	0.264	0.374	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
2-METHYLPHENOL (O-CRESOL)	0.33	500	1000	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2-NITROANILINE	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
2-NITROPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
3,3'-DICHLOROBENZIDINE	NE	NE	NE	< 0.35 U	< 0.28 UJ	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
3-NITROANILINE	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
4-BROMOPHENYL PHENYL ETHER	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
4-CHLORO-3-METHYLPHENOL	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
4-CHLOROANILINE	NE	NE	NE	< 0.71 U	< 0.56 UJ	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	NE	< 0.35 U	< 0.28 UJ	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 UJ	< 0.28 UJ	< 0.29 UJ	< 0.34 UJ	< 0.26 UJ	< 0.27 U
4-METHYLPHENOL (P-CRESOL)	0.33	500	1000	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
4-NITROANILINE	NE	NE	NE	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
4-NITROPHENOL	NE	NE	NE	< 1.4 U	< 1.1 UJ	< 5.6 U	< 1.4 U	< 1.3 U	< 5.7 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.9 U	< 1.1 U	< 1.1 U	< 1.2 UJ	< 5.8 UJ	< 1.1 UJ	< 1.2 UJ	< 7.1 UJ	< 5.7 UJ	< 5.4 U	< 5.5 U	< 1.2 U	< 1.2 UJ	< 1.1 UJ	< 1.2 UJ	< 1.3 UJ	< 1 UJ	< 1.1 U
ACENAPHTHENE	20	500	1000	< 0.14 U	0.0693 J	2.53	< 0.14 U	0.48	1.35	< 0.12 U	0.425	0.868	0.846	< 0.11 U	< 0.11 U	0.392	1.08	< 0.11 U	0.0770 J	0.542 J	3.59	1.82	0.887	< 0.12 U	< 0.12 U	0.0994 J	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
ACENAPHTHYLENE	100	500	1000	< 0.14 U	< 0.11 U	1.14	0.0176 J	0.154	0.523 J	< 0.12 U	0.0514 J	0.0584 J	0.324	< 0.11 U	< 0.11 U	0.142	< 0.58 U	< 0.11 U	< 0.12 U	2.58	1.59	0.182 J	0.188 J	< 0.12 U	< 0.12 U	0.0470 J	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
ANTHRACENE	100	500	1000	0.0933 J	0.184	6.06	0.11 J	1.14	3.06	0.0534 J	0.85	1.36	2.37	0.0852 J	< 0.11 U	1.05	2.18	0.0690 J	0.193	3.46	8.57	3.5	2.27	< 0.12 U	0.0655 J	0.26	< 0.12 U	0.138	0.0275 J	< 0.11 U
BENZO(A)ANTHRACENE	**1**	**5.6**	**11**	0.284	0.46	**18.8**	0.3	**2.68**	**7.81**	0.203	**1.7**	**3.41**	**5.24**	0.288	< 0.11 U	**2.75**	**5.22**	0.189	0.509	**9.93**	**13.6**	**6.3**	**4.65**	< 0.12 U	0.239	0.776	< 0.12 U	0.696	0.131	< 0.11 U
BENZO(A)PYRENE	**1**	**1**	**1.1**	0.246	0.336	**19.6**	0.264	**2.48**	**7.97**	0.181	**1.51**	**3.14**	**4.32**	0.252	< 0.11 U	**2.34**	**4.65**	0.178	0.397	**10**	**11.9**	**5.2**	**3.82**	< 0.12 U	0.169	0.67	< 0.12 U	0.733	0.136	< 0.11 U
BENZO(B)FLUORANTHENE	**1**	**5.6**	**11**	0.23	0.304	**19.7**	0.222	**2.04**	**6.79**	0.167	**1.52**	**2.9**	**4.1**	0.257	< 0.11 U	**2.38**	**4.27**	0.176	0.363	**14.6**	**13.5**	**4.96**	**3.04**	< 0.12 U	0.18	0.647	< 0.12 U	0.708	0.125	< 0.11 U
BENZO(G,H,I)PERYLENE	100	500	1000	0.173	0.205	13.2	0.168	1.7	5.99	0.135	1.12	2.21	2.99	0.189	< 0.11 U	1.46	3.07	0.121	0.192	7.96	9.52	3.61	2.68	< 0.12 U	0.113 J	0.407	< 0.12 U	0.515	0.116	< 0.11 U
BENZO(K)FLUORANTHENE	**0.8**	56	110	0.17	0.248	**12.9**	0.196	**2.03**	**5.66**	0.149	**1.1**	**1.88**	**2.92**	0.19	< 0.11 U	**1.64**	**3.33**	0.118	0.344	**10.3**	**9.39**	**3.55**	**2.76**	< 0.12 U	0.133	0.526	< 0.12 U	0.545	0.103	< 0.11 U
BENZYL BUTYL PHTHALATE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	0.0977 J	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	NE	0.389	< 0.28 U	0.962 J	0.112 J	0.0853 J	0.517 J	0.13 J	0.0747 J	1.3	0.364 J	< 0.27 U	< 0.28 U	0.0742 J	< 1.5 U	0.0589 J	0.0745 J	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	0.108 J	0.132 J	< 0.29 U	1.19	< 0.26 U	< 0.27 U
CARBAZOLE	NE	NE	NE	0.0439 J	0.0926 J	2.43	0.0442 J	0.57	1.68	< 0.12 U	0.525	0.775	1.02	0.0406 J	< 0.11 U	0.597	1.29	0.0460 J	0.0981 J	1.26	3.67	1.6	0.836	< 0.12 U	< 0.12 U	0.119	< 0.12 U	0.115 J	< 0.1 U	< 0.11 U
CHRYSENE	**1**	56	110	0.272	0.459	**19.2**	0.284	**2.54**	**8.27**	0.202	**1.81**	**3.58**	**4.83**	0.286	< 0.11 U	**2.84**	**5.44**	0.196	0.477	**12.2**	**13.9**	**5.56**	**4.26**	< 0.12 U	0.309	0.838	< 0.12 U	0.758	0.137	< 0.11 U
DIBENZ(A,H)ANTHRACENE	**0.33**	**0.56**	**1.1**	0.0456 J	0.0585 J	**5.03**	0.0241 J	**0.694**	**2.29**	< 0.12 U	**0.332**	**0.718**	**1.32**	0.0578 J	< 0.11 U	**0.587**	**1.02**	< 0.11 U	0.0543 J	**3.05**	**3.83**	0.196 J	**1.07**	< 0.12 U	< 0.12 U	< 0.11 U	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
DIBENZOFURAN	NE	NE	NE	< 0.14 U	0.129	1.79	< 0.14 U	0.409	1.15	< 0.12 U	0.491	0.556	0.632	< 0.11 U	< 0.11 U	0.242	0.613	< 0.11 U	< 0.12 U	0.421 J	2.35	1.02	0.554	< 0.12 U	< 0.12 U	0.143	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
DIETHYL PHTHALATE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
DIMETHYL PHTHALATE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
DI-N-BUTYL PHTHALATE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	0.0944 J	< 0.26 U	< 0.27 U
DI-N-OCTYLPHTHALATE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
FLUORANTHENE	**100**	500	1000	0.505	0.849	37.2	0.545	5.73	16.8	0.382	4.82	8.69	10.5	0.554	< 0.11 U	6.94	12.9	0.432	0.981	15.8	27.6	13.4	9.46	< 0.12 U	0.378	1.54	< 0.12 U	1.45	0.213	0.0341 J
FLUORENE	30	500	1000	< 0.14 U	0.0726 J	3.82	0.0467 J	0.998	2.82	< 0.12 U	0.723	0.962	0.866	< 0.11 U	< 0.11 U	0.458	1.19	< 0.11 U	0.0707 J	0.624 J	4.19	1.78	1.05	< 0.12 U	< 0.12 U	0.13	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
HEXACHLOROBENZENE	0.33	6	12	< 0.35 U	< 0.28 UJ	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 UJ	< 0.28 UJ	< 0.29 UJ	< 0.34 UJ	< 0.26 UJ	< 0.27 U
HEXACHLOROBUTADIENE	NE	NE	NE	< 0.35 U	< 0.28 UJ	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 UJ	< 0.3 UJ	< 0.28 UJ	< 0.46 UJ	< 0.27 UJ	< 0.28 UJ	< 0.3 UJ	< 1.5 UJ	< 0.28 UJ	< 0.29 UJ	< 1.8 UJ	< 1.4 UJ	< 1.3 UJ	< 1.4 UJ	< 0.3 UJ	< 0.31 UJ	< 0.28 UJ	< 0.29 UJ	< 0.34 UJ	< 0.26 UJ	< 0.27 UJ
HEXACHLOROCYCLOPENTADIENE	NE	NE	NE	< 0.71 UJ	< 0.56 UJ	< 2.8 UJ	< 0.68 UJ	< 0.67 UJ	< 2.8 UJ	< 0.58 UJ	< 0.59 UJ	< 0.57 UJ	< 0.93 UJ	< 0.54 UJ	< 0.56 UJ	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 UJ	< 2.7 UJ	< 0.59 UJ	< 0.62 UJ	< 0.56 UJ	< 0.58 UJ	< 0.67 UJ	< 0.52 UJ	< 0.54 UJ
HEXACHLOROETHANE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
INDENO(1,2,3-C,D)PYRENE	**0.5**	**5.6**	**11**	0.185	0.231	**12.1**	0.186	**1.71**	**5.87**	0.137	**1.06**	**2.09**	**3.01**	0.193	< 0.11 U	**1.54**	**3.16**	0.122	0.22	**8.35**	**9.76**	**3.77**	**2.85**	< 0.12 U	0.102 J	0.434	< 0.12 U	**0.525**	0.103	< 0.11 U
ISOPHORONE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
NAPHTHALENE	12	500	1000	< 0.14 U	0.204	1.2	< 0.14 U	0.472	1.11	< 0.12 U	0.0991 J	0.572	0.782	< 0.11 U	< 0.11 U	0.169	0.739	< 0.11 U	< 0.12 U	0.469 J	2.67	1.51	0.44 J	< 0.12 U	0.18	0.33	< 0.12 U	< 0.13 U	< 0.1 U	< 0.11 U
NITROBENZENE	NE	NE	NE	< 0.35 U	< 0.28 UJ	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 UJ	< 1.5 UJ	< 0.28 UJ	< 0.29 UJ	< 1.8 UJ	< 1.4 UJ	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 UJ	< 0.28 UJ	< 0.29 UJ	< 0.34 UJ	< 0.26 UJ	< 0.27 U
N-NITROSODI-N-PROPYLAMINE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
N-NITROSODIPHENYLAMINE	NE	NE	NE	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
PENTACHLOROPHENOL	0.8	6.7	55	< 0.71 U	< 0.56 U	< 2.8 U	< 0.68 U	< 0.67 U	< 2.8 U	< 0.58 U	< 0.59 U	< 0.57 U	< 0.93 U	< 0.54 U	< 0.56 U	< 0.61 U	< 2.9 U	< 0.56 U	< 0.58 U	< 3.5 U	< 2.9 U	< 2.7 U	< 2.7 U	< 0.59 U	< 0.62 U	< 0.56 U	< 0.58 U	< 0.67 U	< 0.52 U	< 0.54 U
PHENANTHRENE	**100**	500	1000	0.362	0.944	23.4	0.407	5.77	15.3	0.245	3.01	5.78	8.67	0.352	< 0.11 U	5.52	10.6	0.342	0.706	8.19	26.2	12.6	8.04	< 0.12 U	0.539	1.24	0.0529 J	0.752	0.111	< 0.11 U
PHENOL	0.33	500	1000	< 0.35 U	< 0.28 U	< 1.4 U	< 0.34 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.3 U	< 0.28 U	< 0.46 U	< 0.27 U	< 0.28 U	< 0.3 U	< 1.5 U	< 0.28 U	< 0.29 U	< 1.8 U	< 1.4 U	< 1.3 U	< 1.4 U	< 0.3 U	< 0.31 U	< 0.28 U	< 0.29 U	< 0.34 U	< 0.26 U	< 0.27 U
PYRENE	100	500	1000	0.411	0.704	31.7	0.503	5.15	14.6	0.359	3.88	6.98	8.38	0.47	< 0.11 U	5.23	10	0.341	0.774	12.4	22.1	10.6	7.96	< 0.12 U	0.337	1.21	< 0.12 U	1.21	0.192	0.0310 J
TOTAL SVOCS	NE	NE	NE	3.41	5.95	**234**	3.43	**37.2**	**110**	2.34	**25.4**	**48**	**63.9**	3.21	< 1.1 U	**36.5**	**71.1**	2.39	5.53	**122**	**189**	**81.8**	**56.8**	< 1.2 U	3.21	9.92	0.0529	**9.43**	1.39	0.0651

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample

AECOM

Table 3

SVOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-521	SB-521	SB-521	SB-522	SB-522	SB-522	SB-522	SB-523	SB-523	SB-523	SB-524	SB-524	SB-524	SB-525	SB-525	SB-525	SB-527	SB-527	SB-527	SB-528	SB-528	SB-528	SB-529	SB-529	SB-529	SB-530	SB-530
				11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/19/2014	11/19/2014	11/19/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
	Unrestricted	Commercial	Industrial	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft
				N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
SVOC's																														
1,2,4-TRICHLOROBENZENE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	0.102 J	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
1,2-DICHLOROBENZENE	1.1	500	1000	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
1,3-DICHLOROBENZENE	2.4	280	560	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
1,4-DICHLOROBENZENE	1.8	130	250	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	0.0229 J	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
2,4,5-TRICHLOROPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
2,4,6-TRICHLOROPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
2,4-DICHLOROPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
2,4-DIMETHYLPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
2,4-DINITROPHENOL	NE	NE	NE	< 1.2 UJ	< 1.1 UJ	< 5.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.2 UJ	< 7.3 UJ	< 1.1 UJ	< 5.6 U	< 1.2 U	< 1.7 U	< 1.4 U	< 1.2 U	< 1.1 U	< 1 U	< 1.4 UJ	< 1.1 UJ	< 1.1 UJ	< 1.2 U	< 5.7 U	< 1.3 U	< 5.6 U	< 1.1 UJ	< 1.2 UJ	< 1.3 U	< 1.1 U
2,4-DINITROTOLUENE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 U	< 0.67 U	< 0.56 U
2,6-DINITROTOLUENE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 UJ	< 0.83 UJ	< 0.68 UJ	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 U	< 0.67 U	< 0.56 U
2-CHLORONAPHTHALENE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
2-CHLOROPHENOL	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 UJ	< 0.34 U	< 0.28 U
2-METHYLNAPHTHALENE	NE	NE	NE	0.106 J	0.153	1.63	< 0.13 U	< 0.13 U	0.162	0.16	< 0.73 U	0.0728 J	0.429 J	0.0659 J	0.232	0.0908 J	< 0.12 U	< 0.11 U	< 0.1 U	0.203	< 0.11 U	0.0861 J	< 0.12 U	< 0.57 U	0.0812 J	< 0.56 U	< 0.11 U	< 0.12 U	< 0.13 U	< 0.11 U
2-METHYLPHENOL (O-CRESOL)	0.33	500	1000	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
2-NITROANILINE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 U	< 0.67 U	< 0.56 U
2-NITROPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
3,3'-DICHLOROBENZIDINE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
3-NITROANILINE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 U	< 0.67 U	< 0.56 U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
4-BROMOPHENYL PHENYL ETHER	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
4-CHLORO-3-METHYLPHENOL	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
4-CHLOROANILINE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 U	< 0.67 U	< 0.56 U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 UJ	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 UJ	< 0.28 UJ	< 0.26 UJ	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 UJ	< 1.4 UJ	< 0.33 UJ	< 1.4 UJ	< 0.29 U	< 0.29 UJ	< 0.34 UJ	< 0.28 UJ
4-METHYLPHENOL (P-CRESOL)	0.33	500	1000	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	0.18 J	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
4-NITROANILINE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 U	< 0.67 U	< 0.56 U
4-NITROPHENOL	NE	NE	NE	< 1.2 UJ	< 1.1 UJ	< 5.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.2 UJ	< 7.3 UJ	< 1.1 U	< 5.6 UJ	< 1.2 UJ	< 1.7 UJ	< 1.4 UJ	< 1.2 UJ	< 1.1 UJ	< 1 UJ	< 1.4 UJ	< 1.1 UJ	< 1.1 UJ	< 1.2 UJ	< 5.7 UJ	< 1.3 UJ	< 5.6 UJ	< 1.1 UJ	< 1.2 UJ	< 1.3 UJ	< 1.1 UJ
ACENAPHTHENE	20	500	1000	< 0.12 U	0.167	2.09	0.0913 J	< 0.13 U	0.401	0.314	< 0.73 U	0.118	1.46	0.173	0.478	0.294	< 0.12 U	< 0.11 U	< 0.1 U	< 0.14 U	< 0.11 U	0.253	< 0.12 U	0.47 J	0.446	< 0.56 U	< 0.11 U	0.134	< 0.13 U	< 0.11 U
ACENAPHTHYLENE	100	500	1000	0.0708 J	0.0674 J	2.54	< 0.13 U	< 0.13 U	0.202	0.182	< 0.73 U	0.0491 J	0.415 J	0.0251 J	0.193	0.0829 J	< 0.12 U	< 0.11 U	< 0.1 U	< 0.14 U	< 0.11 U	< 0.11 U	< 0.12 U	< 0.57 U	0.0770 J	< 0.56 U	0.0499 J	0.299	< 0.13 U	< 0.11 U
ANTHRACENE	100	500	1000	0.11 J	0.325	5.39	0.181	0.0702 J	0.995	0.783	0.258 J	0.277	3.3	0.24	1.15	0.533	0.0278 J	0.0173 J	0.0748 J	0.0445 J	0.0608 J	0.541	< 0.12 U	0.954	0.5	0.0963 J	0.113	0.428	0.0472 J	< 0.11 U
BENZO(A)ANTHRACENE	**1**	**5.6**	**11**	0.349	0.532	**24.2**	0.634	0.157	**2.87**	**2.64**	0.534 J	0.744	**10.1**	0.531	**3.84**	**2.12**	0.107 J	0.0517 J	0.202	0.13 J	0.225	0.916	< 0.12 U	**2.38**	0.906	0.302 J	0.338	**1.41**	0.19	0.0733 J
BENZO(A)PYRENE	**1**	**1**	**1.1**	0.292	0.443	**20.8**	0.493	0.0918 J	**2.57**	**2.69**	0.402 J	0.64	**9.61**	0.356	**3.61**	**2.25**	0.0823 J	0.0405 J	0.144	0.102 J	0.235	0.751	< 0.12 U	**2.1**	0.671	0.229 J	0.301	**1.66**	0.163	0.0585 J
BENZO(B)FLUORANTHENE	**1**	**5.6**	**11**	0.269	0.347	**21.6**	0.469	0.137	**2.58**	**3.29**	0.51 J	0.682	**10**	0.394	**3.7**	**2.2**	0.0731 J	0.0356 J	0.132	0.108 J	0.198	0.607	< 0.12 U	**1.74**	0.756	0.194 J	0.274	**1.62**	0.17	0.0651 J
BENZO(G,H,I)PERYLENE	100	500	1000	0.173	0.235	11.9	0.246	0.0510 J	2.24	1.98	0.314 J	0.517	7.32	0.174	1.96	1.36	0.0596 J	0.0321 J	0.0891 J	0.0844 J	0.188	0.416	< 0.12 U	1.45	0.447	0.199 J	0.257	1.5	0.118 J	0.0489 J
BENZO(K)FLUORANTHENE	**0.8**	56	110	0.209	0.339	**16.7**	0.436	0.106 J	**2.51**	**2.04**	0.313 J	0.561	**6.98**	0.38	**3.13**	**1.88**	0.0712 J	0.0363 J	0.119	0.0818 J	0.195	0.443	< 0.12 U	**1.83**	0.579	0.198 J	0.222	**1.09**	0.146	0.0433 J
BENZYL BUTYL PHTHALATE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	1.81	< 0.3 U	< 1.8 U	0.115 J	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 UJ	< 0.41 UJ	< 0.34 UJ	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 UJ	< 0.41 UJ	< 0.34 UJ	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	0.0829 J	5.81 J	0.328 J	0.592 J	0.193 J	0.757 J	< 0.31 U	0.308 J	0.19 J	0.0668 J	< 0.28 U	< 0.26 U	0.32 J	0.0618 J	< 0.28 U	< 0.29 U	< 1.4 U	0.13 J	< 1.4 U	0.0972 J	0.134 J	0.157 J	0.0662 J
CARBAZOLE	NE	NE	NE	< 0.12 U	0.149	4.1	0.0782 J	< 0.13 U	0.503	0.265	< 0.73 U	0.105 J	2.15	0.0795 J	0.39	0.29	< 0.12 U	< 0.11 U	< 0.1 U	< 0.14 U	< 0.11 U	0.202	< 0.12 U	0.546 J	0.219	< 0.56 U	0.0490 J	0.154	< 0.13 U	< 0.11 U
CHRYSENE	**1**	56	110	0.32	0.468	**25.6**	0.584	0.163	**2.95**	**2.84**	0.606 J	0.781	**10.7**	0.54	**4.84**	**2.3**	0.104 J	0.0483 J	0.178	0.175	0.227	0.81	< 0.12 U	**2.25**	0.941	0.28 J	0.33	**1.58**	0.22	0.0794 J
DIBENZ(A,H)ANTHRACENE	**0.33**	**0.56**	**1.1**	0.0395 J	0.0776 J	**4.79**	0.0989 J	< 0.13 U	**0.84**	**0.731**	< 0.73 U	0.199	**2.65**	0.0170 J	**1.06**	**0.502**	< 0.12 U	< 0.11 U	< 0.1 U	< 0.14 U	0.0287 J	0.138	< 0.12 U	**0.452 J**	0.175	< 0.56 U	0.0510 J	**0.538**	< 0.13 U	< 0.11 U
DIBENZOFURAN	NE	NE	NE	< 0.12 U	0.13	1.66	< 0.13 U	< 0.13 U	0.294	0.207	< 0.73 U	0.0787 J	0.813	0.0850 J	0.304	0.131 J	< 0.12 U	< 0.11 U	< 0.1 U	0.0658 J	< 0.11 U	0.151	< 0.12 U	0.255 J	0.365	< 0.56 U	< 0.11 U	0.0754 J	< 0.13 U	< 0.11 U
DIETHYL PHTHALATE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
DIMETHYL PHTHALATE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
DI-N-BUTYL PHTHALATE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	0.156 J	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	0.225 J	0.0641 J	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
DI-N-OCTYLPHTHALATE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
FLUORANTHENE	**100**	500	1000	0.571	1.03	56.2	1.04	0.443	6.59	6.04	1.03	1.56	24.9	1.27	8.27	4.85	0.218	0.0994 J	0.363	0.22	0.434	2.04	0.0378 J	5.39	2.69	0.607	0.643	2.94	0.371	0.104 J
FLUORENE	30	500	1000	< 0.12 U	0.154	3.43	< 0.13 U	< 0.13 U	0.527	0.388	< 0.73 U	0.15	1.85	0.151	0.503	0.317	< 0.12 U	< 0.11 U	< 0.1 U	< 0.14 U	< 0.11 U	0.279	< 0.12 U	0.501 J	0.538	< 0.56 U	0.0455 J	0.17	< 0.13 U	< 0.11 U
HEXACHLOROBENZENE	0.33	6	12	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 UJ	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 UJ	< 0.28 UJ	< 0.26 UJ	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 UJ	< 1.4 UJ	< 0.33 UJ	< 1.4 UJ	< 0.29 U	< 0.29 UJ	< 0.34 UJ	< 0.28 UJ
HEXACHLOROBUTADIENE	NE	NE	NE	< 0.29 UJ	< 0.27 UJ	< 1.3 UJ	< 0.32 UJ	< 0.33 UJ	< 0.32 UJ	< 0.3 UJ	< 1.8 UJ	< 0.28 U	< 1.4 UJ	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 UJ	< 0.28 UJ	< 0.26 UJ	< 0.34 UJ	< 0.28 UJ	< 0.28 UJ	< 0.29 UJ	< 1.4 UJ	< 0.33 UJ	< 1.4 UJ	< 0.29 UJ	< 0.29 UJ	< 0.34 UJ	< 0.28 UJ
HEXACHLOROCYCLOPENTADIENE	NE	NE	NE	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 UJ	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 UJ	< 0.56 UJ	< 0.52 UJ	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 UJ	< 2.8 UJ	< 0.67 UJ	< 2.8 UJ	< 0.57 U	< 0.58 UJ	< 0.67 UJ	< 0.56 UJ
HEXACHLOROETHANE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
INDENO(1,2,3-C,D)PYRENE	**0.5**	**5.6**	**11**	0.198	0.263	**11.6**	0.272	0.0531 J	**2**	**1.87**	0.197 J	**0.512**	**7.21**	0.217	**2.51**	**1.64**	0.0572 J	0.0276 J	0.0926 J	0.0751 J	0.182	0.466	< 0.12 U	**1.52**	0.468	0.136 J	0.229	**1.42**	0.117 J	0.0448 J
ISOPHORONE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
NAPHTHALENE	12	500	1000	0.0770 J	0.202	2.22	< 0.13 U	< 0.13 U	0.245	0.244	< 0.73 U	0.0855 J	0.64	0.13	0.355	0.138 J	< 0.12 U	< 0.11 U	< 0.1 U	0.0818 J	< 0.11 U	0.0702 J	< 0.12 U	< 0.57 U	0.0958 J	< 0.56 U	< 0.11 U	0.0672 J	< 0.13 U	< 0.11 U
NITROBENZENE	NE	NE	NE	< 0.29 UJ	< 0.27 UJ	< 1.3 UJ	< 0.32 UJ	< 0.33 UJ	< 0.32 UJ	< 0.3 UJ	< 1.8 UJ	< 0.28 U	< 1.4 UJ	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 UJ	< 0.28 UJ	< 0.26 UJ	< 0.34 UJ	< 0.28 UJ	< 0.28 UJ	< 0.29 UJ	< 1.4 UJ	< 0.33 UJ	< 1.4 UJ	< 0.29 UJ	< 0.29 UJ	< 0.34 UJ	< 0.28 UJ
N-NITROSODI-N-PROPYLAMINE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 UJ	< 0.41 UJ	< 0.34 UJ	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
N-NITROSODIPHENYLAMINE	NE	NE	NE	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 U	< 0.34 U	< 0.28 U
PENTACHLOROPHENOL	0.8	6.7	55	< 0.58 U	< 0.54 U	< 2.7 U	< 0.63 U	< 0.65 U	< 0.63 U	< 0.6 U	< 3.6 U	< 0.55 U	< 2.8 U	< 0.61 U	< 0.83 U	< 0.68 U	< 0.59 U	< 0.56 U	< 0.52 U	< 0.68 U	< 0.55 U	< 0.55 U	< 0.58 U	< 2.8 U	< 0.67 U	< 2.8 U	< 0.57 U	< 0.58 UJ	< 0.67 U	< 0.56 U
PHENANTHRENE	**100**	500	1000	0.376	1.04	29.9	0.539	0.331	4.37	3.44	1.01	1.21	17.6	1.04	5.19	3.08	0.122	0.0778 J	0.257	0.334	0.252	1.94	< 0.12 U	4.55	2.97	0.477 J	0.414	1.7	0.177	0.0674 J
PHENOL	0.33	500	1000	< 0.29 U	< 0.27 U	< 1.3 U	< 0.32 U	< 0.33 U	< 0.32 U	< 0.3 U	< 1.8 U	< 0.28 U	< 1.4 U	< 0.31 U	< 0.41 U	< 0.34 U	< 0.3 U	< 0.28 U	< 0.26 U	< 0.34 U	< 0.28 U	< 0.28 U	< 0.29 U	< 1.4 U	< 0.33 U	< 1.4 U	< 0.29 U	< 0.29 UJ	< 0.34 U	< 0.28 U
PYRENE	100	500	1000	0.481	0.81	40.6	0.832	0.307	5.83	4.84	0.813	1.41	20.1	1.05	7.4	4.27	0.181	0.0819 J	0.298	0.212	0.372	1.59	0.0358 J	4.49	2.09	0.483 J	0.571	2.58	0.297	0.0852 J
TOTAL SVOCS	NE	NE	NE	3.64	6.93	**287**	5.99	1.99	**46.6**	**35.3**	6.58	10.1	**139**	6.92	**49.7**	**28.7**	1.17	0.549	1.95	2.24	2.66	11.7	0.0736	**30.9**	15.1	3.2	3.98	**19.5**	2.17	0.736

Notes:

1) U or < = Non-detect at laboratory detection limit

2) J = Estimated Value

3) All units are in milligrams per kilogram (mg/kg)

4) NE = not established

5) Exceedances are bolded and highlighted

6) Sample Type N = normal sample, FD = duplicate sample

Table 3
SVOC Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-530	SB-531	SB-531	SB-531	SB-533	SB-533	SB-533	SB-533	SB-534	SB-534	SB-534	SB-535	SB-535	SB-535
				11/4/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014
	Unrestricted	Commercial	Industrial	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft
				N	N	N	N	N	N	N	N	N	N	N	N	N	N
SVOC's																	
1,2,4-TRICHLOROBENZENE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
1,2-DICHLOROBENZENE	1.1	500	1000	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
1,3-DICHLOROBENZENE	2.4	280	560	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
1,4-DICHLOROBENZENE	1.8	130	250	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
2,4,5-TRICHLOROPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2,4,6-TRICHLOROPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2,4-DICHLOROPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2,4-DIMETHYLPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2,4-DINITROPHENOL	NE	NE	NE	< 1.1 U	< 1.1 U	< 1.1 U	< 1.2 U	< 22 U	< 1.1 U	< 1.4 U	< 1.7 U	< 1.2 U	< 1.4 U	< 1.2 U	< 5.9 U	< 1.1 U	< 1.1 U
2,4-DINITROTOLUENE	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2,6-DINITROTOLUENE	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2-CHLORONAPHTHALENE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
2-CHLOROPHENOL	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
2-METHYLNAPHTHALENE	NE	NE	NE	< 0.11 U	< 0.11 U	< 0.11 U	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	< 0.12 U	< 0.14 U	0.229	< 0.59 U	< 0.11 U	< 0.11 U
2-METHYLPHENOL (O-CRESOL)	0.33	500	1000	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2-NITROANILINE	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
2-NITROPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
3,3'-DICHLOROBENZIDINE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 UJ	< 1.5 U	< 0.27 U	< 0.29 U
3-NITROANILINE	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
4,6-DINITRO-2-METHYLPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
4-BROMOPHENYL PHENYL ETHER	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
4-CHLORO-3-METHYLPHENOL	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
4-CHLOROANILINE	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
4-CHLOROPHENYL PHENYL ETHER	NE	NE	NE	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.29 UJ	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
4-METHYLPHENOL (P-CRESOL)	0.33	500	1000	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
4-NITROANILINE	NE	NE	NE	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
4-NITROPHENOL	NE	NE	NE	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	< 1.2 UJ	< 22 U	< 1.1 U	< 1.4 U	< 1.7 U	< 1.2 U	< 1.4 U	< 1.2 U	< 5.9 U	< 1.1 U	< 1.1 U
ACENAPHTHENE	20	500	1000	< 0.11 U	< 0.11 U	0.0661 J	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	0.0242 J	0.13 J	0.669	1.87	< 0.11 U	< 0.11 U
ACENAPHTHYLENE	100	500	1000	< 0.11 U	< 0.11 U	< 0.11 U	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	0.0160 J	0.0365 J	0.0684 J	< 0.59 U	< 0.11 U	< 0.11 U
ANTHRACENE	100	500	1000	< 0.11 U	0.0770 J	0.139	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	0.124 J	0.0693 J	0.194	1.03	2.88	0.0673 J	0.0592 J
BENZO(A)ANTHRACENE	**1**	**5.6**	**11**	< 0.11 U	0.263	0.354	< 0.12 U	0.287 J	0.0264 J	< 0.14 U	0.263	0.214	0.507	**2.7**	**6.11**	0.27	0.138
BENZO(A)PYRENE	**1**	**1**	**1.1**	< 0.11 U	0.261	0.315	< 0.12 U	< 2.2 U	0.0221 J	< 0.14 U	0.188	0.173	0.423	**2.44**	**5.54**	0.234	0.122
BENZO(B)FLUORANTHENE	**1**	**5.6**	**11**	< 0.11 U	0.226	0.274	< 0.12 U	< 2.2 U	0.0291 J	< 0.14 U	0.16 J	0.167	0.397	**2.16**	**4.66**	0.205	0.112
BENZO(G,H,I)PERYLENE	100	500	1000	0.0185 J	0.194	0.216	< 0.12 U	< 2.2 U	0.0156 J	< 0.14 U	0.124 J	0.127	0.304	1.55	4.14	0.197	0.0933 J
BENZO(K)FLUORANTHENE	**0.8**	56	110	< 0.11 U	0.188	0.234	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	0.149 J	0.123	0.354	**2.04**	**3.89**	0.175	0.0914 J
BENZYL BUTYL PHTHALATE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
BIS(2-CHLOROETHOXY) METHANE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
BIS(2-CHLOROISOPROPYL) ETHER	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 UJ	< 1.5 U	< 0.27 U	< 0.29 U
BIS(2-ETHYLHEXYL) PHTHALATE	NE	NE	NE	0.0555 J	< 0.27 U	< 0.27 U	< 0.29 U	0.27 J	0.0185 J	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	0.17 J	< 1.5 U	< 0.27 U	< 0.29 U
CARBAZOLE	NE	NE	NE	< 0.11 U	0.0410 J	0.0759 J	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	< 0.12 U	< 0.14 U	0.402	1.87	< 0.11 U	< 0.11 U
CHRYSENE	**1**	56	110	< 0.11 U	0.268	0.323	< 0.12 U	< 2.2 U	0.0216 J	< 0.14 U	0.228	0.202	0.462	**2.59**	**6.25**	0.263	0.139
DIBENZ(A,H)ANTHRACENE	**0.33**	**0.56**	**1.1**	< 0.11 U	0.0244 J	0.0336 J	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	< 0.12 U	0.0786 J	**0.56**	**1.12**	0.0200 J	< 0.11 U
DIBENZOFURAN	NE	NE	NE	< 0.11 U	< 0.11 U	< 0.11 U	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	< 0.12 U	0.0521 J	0.275	1	< 0.11 U	< 0.11 U
DIETHYL PHTHALATE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
DIMETHYL PHTHALATE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
DI-N-BUTYL PHTHALATE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
DI-N-OCTYLPHTHALATE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
FLUORANTHENE	**100**	500	1000	< 0.11 U	0.517	0.675	0.0415 J	0.321 J	0.0375 J	< 0.14 U	0.492	0.367	0.903	6.33	18.1	0.582	0.343
FLUORENE	30	500	1000	< 0.11 U	< 0.11 U	0.0606 J	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	< 0.12 U	0.0934 J	0.644	1.61	< 0.11 U	< 0.11 U
HEXACHLOROBENZENE	0.33	6	12	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.29 UJ	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
HEXACHLOROBUTADIENE	NE	NE	NE	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.29 UJ	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
HEXACHLOROCYCLOPENTADIENE	NE	NE	NE	< 0.55 UJ	< 0.54 UJ	< 0.54 UJ	< 0.58 UJ	< 11 UJ	< 0.56 UJ	< 0.7 UJ	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 UJ	< 3 U	< 0.55 U	< 0.57 U
HEXACHLOROETHANE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
INDENO(1,2,3-C,D)PYRENE	**0.5**	**5.6**	**11**	< 0.11 U	0.196	0.217	< 0.12 U	< 2.2 U	0.0165 J	< 0.14 U	0.13 J	0.126	0.328	**1.64**	**4.06**	0.186	0.0913 J
ISOPHORONE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
NAPHTHALENE	12	500	1000	< 0.11 U	< 0.11 U	< 0.11 U	< 0.12 U	< 2.2 U	< 0.11 U	< 0.14 U	< 0.17 U	< 0.12 U	0.0980 J	0.492	0.365 J	< 0.11 U	< 0.11 U
NITROBENZENE	NE	NE	NE	< 0.27 UJ	< 0.27 UJ	< 0.27 UJ	< 0.29 UJ	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
N-NITROSODI-N-PROPYLAMINE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
N-NITROSODIPHENYLAMINE	NE	NE	NE	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 U	< 1.5 U	< 0.27 U	< 0.29 U
PENTACHLOROPHENOL	0.8	6.7	55	< 0.55 U	< 0.54 U	< 0.54 U	< 0.58 U	< 11 U	< 0.56 U	< 0.7 U	< 0.85 U	< 0.62 U	< 0.68 U	< 0.61 U	< 3 U	< 0.55 U	< 0.57 U
PHENANTHRENE	**100**	500	1000	< 0.11 U	0.329	0.524	< 0.12 U	< 2.2 U	0.0210 J	< 0.14 U	0.398	0.263	0.726	4.95	17.4	0.346	0.325
PHENOL	0.33	500	1000	< 0.27 U	< 0.27 U	< 0.27 U	< 0.29 U	< 5.5 U	< 0.28 U	< 0.35 U	< 0.42 U	< 0.31 U	< 0.34 U	< 0.31 UJ	< 1.5 U	< 0.27 U	< 0.29 U
PYRENE	100	500	1000	< 0.11 U	0.438	0.571	0.0361 J	0.276 J	0.0340 J	< 0.14 U	0.395	0.351	0.81	5.62	14.5	0.536	0.319
TOTAL SVOCS	NE	NE	NE	0.0740	3.02	4.08	0.0776	1.15	0.242	< 1.4 U	2.65	2.22	5.9	**36.6**	**95.4**	3.08	1.83

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample

Table 4
Metal Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			Sample ID:	SB-501	SB-501	SB-501	SB-502	SB-502	SB-502	SB-502	SB-502	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-503	SB-504	SB-504	SB-504	SB-504
				Sample Date:	11/11/2014	11/11/2014	11/11/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014
	Unrestricted	Commercial	Industrial	Depth Interval:	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	8 - 12 ft	12 - 16 ft	16 - 20 ft	20 - 24 ft	24 - 28 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft
				Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
UTC Carrier Metals																									
ALUMINUM	NE	NE	NE	mg/kg	8090	6570	9090	10000	14100	14400	4820	11000	9710	8460	9590	6570	6650	5870	5150	3680	12400	10500	8150	10100	6310
ANTIMONY	NE	NE	NE	mg/kg	< 0.98 UJ	< 0.93 UJ	< 1.2 UJ	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	0.53 J	< 0.92 UJ	< 1.3 UJ	< 0.95 UJ	< 1.1 UJ	< 0.94 UJ	< 0.95 UJ	< 0.98 UJ	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	< 1.0 UJ	< 0.93 UJ
ARSENIC	**13**	**16**	**16**	mg/kg	5.6 J	6.3 J	4.5 J	10.5	7.7	6.5	2.6	4.9	**21.9 J**	9.3 J	7.3 J	8.5 J	4.8 J	2.2 J	2.8 J	2.7 J	7.1 J	10.1 J	8.9 J	5.9 J	5.6 J
BARIUM	**350**	**400**	10000	mg/kg	63.1	67.8	69.9	69.0	99.4	102	103	117	82.2	66.5	81.6	68.5	60.2	103	95.7	92.8	113	71.9	66.7	72.7	40.1
BERYLLIUM	7.2	590	2700	mg/kg	0.43	0.37	0.43 J	0.65	0.69	0.67	0.24 J	0.50	1.7	0.48	0.64	0.32 J	0.31 J	0.28 J	0.24 J	0.20 J	0.59	0.72	0.62	0.50	0.32 J
CADMIUM	**2.5**	**9.3**	**60**	mg/kg	0.72	2.1	0.093 J	0.14 J	0.34 J	0.12 J	< 0.44 U	< 0.42 U	0.46	0.12 J	0.50	< 0.38 U	0.053 J	0.028 J	< 0.38 U	0.049 J	0.095 J	0.31 J	0.57	0.13 J	0.065 J
CALCIUM	NE	NE	NE	mg/kg	37700 J	118000 J	64400 J	42000 J	19100 J	15500 J	52300 J	73500 J	12200 J	22400 J	9800 J	68500 J	60000 J	65400 J	49500 J	47200 J	75800 J	29800 J	93900 J	50500 J	75600 J
CHROMIUM, TOTAL	**30**	**1500**	6800	mg/kg	13.9	11.2	12.4	16.1	**70.2**	**35.6**	7.8	15.9	18.6	12.7	27.1	10	10.0	9.3	8.3	8.0	18.5	19.0	27.4	14.8	10.1
COBALT	NE	NE	NE	mg/kg	7.7	7.0	7.1	9.4	9.9	10.1	5.9	9.1	11.5	8.0	8.9	11.9	9.4	6.4	6.1	5.3	11.9	9.3	7.7	8.9	7.0
COPPER	**30**	**270**	10000	mg/kg	**30.4**	28.4	16.4	23.6	21.6	18.8	12.9	18.4	**36.8**	17.4	**75.1**	17.5	15.3	14.0	13.6	14.3	25.6	26.1	**36.9**	20.9	15.0
IRON	NE	NE	NE	mg/kg	15600	14500	16500	20500 J	23500 J	22500 J	10700 J	18200 J	19400	16800	21900	13800	12900	12500	10600	9130	23400	19800	15300	18500	13400
LEAD	**63**	**1000**	3900	mg/kg	34.5	14.7	12.7	18.4	19.2	23.3	4.4	7.7	23.6	8.7	19.5	6.5	6.4	5.9	4.2	4.0	11.9	18.7	30.3	11.3	7.5
MAGNESIUM	NE	NE	NE	mg/kg	12000 J	13900 J	14400 J	17400	10400	7580	18500	28600	5730 J	9010 J	3710 J	22900 J	24000 J	25900 J	18000 J	15800 J	29600 J	12600 J	15400 J	12900 J	24500 J
MANGANESE	**1600**	10000	10000	mg/kg	375 J	445 J	387 J	412 J	272 J	442 J	339 J	431 J	241 J	386 J	385 J	473 J	461 J	362 J	319 J	292 J	462 J	324 J	349 J	413 J	347 J
MERCURY	**0.18**	**2.8**	**5.7**	mg/kg	0.14	0.053	0.038	0.062	0.055	0.074	< 0.036 U	0.012 J	**0.27**	0.064	0.17	0.016 J	0.014 J	0.014 J	0.012 J	0.014 J	0.035 J	0.14	**0.21**	**0.19**	0.034 J
NICKEL	**30**	**310**	10000	mg/kg	20.9 J	17.1 J	17.0 J	22.2	**34.6**	25.2	12.5	21.8	26.3	17.9	**106 J**	19.9	18.2 J	15.6 J	12.4	12.2 J	**32.0 J**	23.0 J	21.4 J	22.1 J	16.7 J
POTASSIUM	NE	NE	NE	mg/kg	1290	998	1020	1730 J	1670 J	1660 J	1080 J	2840 J	1230	935	898	1080	941	1030	1270	642	2060	1190	996	1070	745
SELENIUM	**3.9**	1500	6800	mg/kg	< 0.98 U	< 0.93 U	< 1.2 U	0.33 J	0.44 J	0.31 J	< 1.1 U	< 1.1 U	1.0 J	< 0.92 U	0.41 J	< 0.95 U	< 1.1 U	< 0.94 U	< 0.95 U	< 0.98 U	< 1.1 U	0.46 J	0.61 J	< 1.0 U	< 0.93 U
SILVER	**2**	1500	6800	mg/kg	1.4	**3.3**	< 0.58 U	< 0.55 U	< 0.57 U	< 0.54 U	< 0.55 U	< 0.53 U	< 0.54 U	< 0.46 U	1.1	< 0.47 U	< 0.53 U	< 0.47 U	< 0.48 U	< 0.49 U	< 0.53 U	< 0.54 U	0.92	< 0.51 U	< 0.46 U
SODIUM	NE	NE	NE	mg/kg	< 490 U	< 470 U	< 580 U	< 550 U	< 570 U	< 540 U	< 550 U	< 530 U	< 540 U	< 460 U	< 630 U	< 470 U	< 530 U	< 470 U	< 480 U	< 490 U	< 530 U	< 540 U	< 530 U	< 510 U	< 460 U
THALLIUM	NE	NE	NE	mg/kg	0.17 J	0.20 J	0.24 J	0.29 J	< 1.1 U	< 1.1 U	0.15 J	< 1.1 U	0.34 J	< 0.92 U	< 1.3 U	< 0.95 U	< 1.1 U	0.18 J	0.14 J	0.26 J	0.20 J	0.26 J	0.23 J	0.17 J	0.18 J
VANADIUM	NE	NE	NE	mg/kg	18.2	13.9	17.1	22.8	24.7	24.3	11.0	20.9	45.4	16.5	16.4	14.3	12.8	11.8	12.0	8.0	19.5	22.8	19.4	24.8	12.7
ZINC	**109**	**1000**	10000	mg/kg	66.0	46.2	40.2	49.8 J	74.7 J	64.5 J	23.0 J	40.6 J	41.0	38.5	85.5	29.8	31.3	29.7	21.5	20.3	61.1	54.2	61.4	47.2	54.3

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) Chromium as Trivalent Chromium

Table 4
Metal Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-504	SB-504	SB-505	SB-505	SB-505	SB-505	SB-506	SB-506	SB-506	SB-506	SB-506	SB-507	SB-507	SB-507	SB-507	SB-507	SB-507	SB-508	SB-508	SB-508	SB-508	SB-508
				11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014
	Unrestricted	Commercial	Industrial	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	12 - 16 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	12 - 16 ft
				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
UTC Carrier Metals																									
ALUMINUM	NE	NE	NE	6130	4150	10200	10100	11300	4460	8820	9490	11200	8820	7420	7290	9080	9920	11400	5310	6490	11600	9490	9280	12500	7190
ANTIMONY	NE	NE	NE	< 0.97 UJ	< 1.1 UJ	< 1.2 UJ	< 1.1 UJ	< 0.96 UJ	< 1.0 UJ	0.42 J	0.29 J	0.48 J	< 1.0 UJ	< 1.2 UJ	0.18 J	< 0.88 UJ	0.80 J	1.0 J	< 1.0 UJ	< 1.1 UJ	1.8 J	0.90 J	1.0 J	< 0.96 UJ	< 1.0 UJ
ARSENIC	**13**	**16**	**16**	2.2 J	2.1 J	6.5 J	5.4 J	8.9 J	2.1 J	**21.0**	**18.9**	**16.1**	6.6	3.4	5.9	5.2	11.6	9.6	2.6	4.1	11.8	**15.5**	**28.4**	7.3	3.3
BARIUM	**350**	**400**	10000	115	101	74.5	74.6	125	24.9	105	104	94.7	130	122	50.1	68.8	137	99.2	49.3	75.1	88.4	69.1	157	163	90.2
BERYLLIUM	7.2	590	2700	0.28 J	0.21 J	0.53	0.50	0.79	0.25 J	1.9	1.6	1.2	0.42	0.37 J	0.54	0.44	0.70	0.72	0.26 J	0.32 J	1.1	0.70	1.0	0.58	0.34 J
CADMIUM	**2.5**	**9.3**	**60**	< 0.39 U	0.033 J	0.39 J	0.15 J	0.51	< 0.41 U	1.1	0.26 J	0.61	< 0.41 U	< 0.47 U	0.44	0.035 J	2.5	1.8	< 0.42 U	0.055 J	0.26 J	0.099 J	**97.2**	< 0.38 U	0.11 J
CALCIUM	NE	NE	NE	53000 J	48700 J	60400 J	38200 J	18000 J	21400 J	25900 J	35400 J	25300	69400 J	59800 J	27900	63900	41300	22900	60100 J	58500 J	27500 J	45000 J	42400 J	87900 J	72300 J
CHROMIUM, TOTAL	**30**	**1500**	6800	9.5	6.9	17.6	14.2	15.8	7.2	**95.3**	**86.1**	26.6	13.6	12.0	18.7	20.9	**102**	**96.6**	9.0	13.1	**45.4**	**31.0**	**142**	17.8	19.0
COBALT	NE	NE	NE	5.9	5.4 J	8.6	10.8	20.0	4.7 J	12.1	12.2	11.2	9.9	8.0	7.5	7.9	12.7	12.7	6.2	6.4	11.0	8.9	26.3	11.1	7.7
COPPER	**30**	**270**	10000	13.4	12.2	29.8	21.7	26.2	14.8	**84.5**	**70.7**	**43.5**	19.0	16.8	**30.8**	19.7	**304**	**269**	14.9	21.9	**33.5**	**39.3**	**650**	23.5	26.3
IRON	NE	NE	NE	11200	9590	18400	19800	29600	9920	28200 J	27000 J	29700	16800 J	15100 J	15000	16900	36100	35300	13800 J	13900 J	30300 J	23300 J	61400 J	24800 J	14800 J
LEAD	**63**	**1000**	3900	5.1	4.5	28.3	9.5	14.7	4.5	38.0	29.5	26.1	7.0	6.9	30.8	15.8	**2280 J**	**87.2 J**	6.1	10.7	20.1	14.0	**174**	11.7	16.8
MAGNESIUM	NE	NE	NE	21900 J	17200 J	10900 J	15300 J	7450 J	9530 J	6590	10800	11000	26400	22800	12900	23100	8820	6060	23300	24300	13000	15000	2160	28400	18800
MANGANESE	**1600**	10000	10000	328 J	316 J	399 J	602 J	1330 J	182 J	289 J	317 J	396 J	502 J	381 J	364 J	433 J	1030 J	697 J	339 J	364 J	394 J	356 J	459 J	426 J	551 J
MERCURY	**0.18**	**2.8**	**5.7**	0.024 J	0.012 J	0.10	0.037	0.042	0.015 J	**0.44**	**0.36**	0.12	< 0.035 U	< 0.036 U	0.081	0.026 J	**7.4**	**6.3**	< 0.038 U	**1.7**	0.11	0.16	**0.55**	0.032 J	0.080
NICKEL	**30**	**310**	10000	13.8	11.7 J	23.0 J	25.0 J	22.3 J	12.0 J	**34.3**	**32.5**	**43.9**	24.0	19.1	19.4	20.0	**457**	**328**	14.6	29.9	28.9	22.7	**541**	**32.2**	**41.0**
POTASSIUM	NE	NE	NE	1440	834	1630	1200	956	499 J	1380 J	1250 J	1220	1680 J	1520 J	1180 J	1480 J	1170 J	1210	737 J	1260 J	1510 J	1120 J	1460 J	1830 J	1300 J
SELENIUM	**3.9**	1500	6800	< 0.97 U	< 1.1 U	< 1.2 U	< 1.1 U	< 0.96 U	< 1.0 U	0.77 J	< 1.2 U	1.5	< 1.0 U	< 1.2 U	0.77 J	< 0.88 U	0.39 J	0.40 J	< 1.0 U	< 1.1 U	< 1.1 U	< 1.1 U	1.0 J	< 0.96 U	< 1.0 U
SILVER	**2**	1500	6800	< 0.48 U	< 0.55 U	< 0.58 U	< 0.54 U	< 0.48 U	< 0.51 U	< 0.65 U	0.11 J	**5.4 J**	< 0.52 U	< 0.59 U	0.046 J	< 0.44 UJ	**4.2 J**	**2.6 J**	< 0.52 U	< 0.55 U	< 0.53 U	< 0.55 U	**37.5**	< 0.48 U	< 0.50 U
SODIUM	NE	NE	NE	< 480 U	< 550 U	< 580 U	< 540 U	< 480 U	< 510 U	< 650 U	< 600 U	< 480 U	< 520 U	< 590 U	< 460 U	< 440 U	< 450 U	< 460 U	< 520 U	< 550 U	< 530 U	< 550 U	< 650 U	< 480 U	< 500 U
THALLIUM	NE	NE	NE	< 0.97 U	< 1.1 U	0.20 J	< 1.1 U	0.13 J	< 1.0 U	0.41 J	< 1.2 U	0.36 J	< 1.0 U	0.22 J	0.21 J	0.19 J	0.22 J	0.25 J	0.47 J	0.29 J	< 1.1 U	0.25 J	< 1.3 U	< 0.96 U	< 1.0 U
VANADIUM	NE	NE	NE	12.5	9.3	20.7	19.3	29.9	8.9	37.8	40.0	35.9	16.7	14.5	19.5 J	19.5 J	22.4 J	24.3	11.9	13.8	27.3	20.4	19.5	20.4	14.2
ZINC	**109**	**1000**	10000	26.0	22.3	65.7	45.4	44.6	24.3	73.5 J	64.2 J	54.3 J	38.6 J	34.7 J	61.4 J	38.4 J	**169 J**	**127 J**	28.0 J	31.2 J	58.0 J	42.8 J	**263 J**	47.5 J	53.1 J

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) Chromium as Trivalent Chromium

Table 4
Metal Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-508	SB-510	SB-510	SB-510	SB-510	SB-511	SB-511	SB-511	SB-511	SB-511	SB-512	SB-512	SB-512	SB-513	SB-513	SB-513	SB-514	SB-514	SB-514	SB-515	SB-515	SB-515
				11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014
	Unrestricted	Commercial	Industrial	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	4 - 8 ft	16 - 20 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft
				N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
UTC Carrier Metals																									
ALUMINUM	NE	NE	NE	3680	6320	7700	10600	11100	9270	4400	6290	8420	3880	8550 J	8610 J	5950 J	10500 J	7110 J	3270 J	9730	5010	5220	7340	7540	7710
ANTIMONY	NE	NE	NE	< 1.0 UJ	0.21 J	< 0.92 UJ	< 0.93 UJ	< 0.98 UJ	0.43 J	< 0.92 UJ	0.43 J	0.19 J	< 1.0 UJ	< 1.3 UJ	< 1.1 UJ	1.3 J	< 1.3 UJ	0.76 J	1.3 J	< 1.0 UJ	< 1.0 UJ	< 1.0 UJ	0.43 J	< 0.98 UJ	< 1.1 UJ
ARSENIC	**13**	**16**	**16**	4.4	9.0	5.2	3.9	5.2	**26.3**	3.1	**20.3**	**19.3 J**	2.2 J	**17.2**	8.9	**17.4**	11.2	**22.2**	9.2	7.7	**14.2**	3.2	**37.2**	6.4	4.4
BARIUM	**350**	**400**	10000	86.6	72.7	68.3	64.8	61.8	193	144	217	145	83.1	129 J	89.7 J	94.7 J	84.3 J	92.3 J	155 J	67.5	93.9	95.4	215	75.0	57.0
BERYLLIUM	7.2	590	2700	0.20 J	0.56	0.39	0.51	0.59	2.5	0.23 J	0.96	1.0	0.18 J	1.5	0.56	0.33 J	1.0	0.66	0.27 J	0.69	0.57	0.27 J	1.1	0.45	0.37 J
CADMIUM	**2.5**	**9.3**	**60**	< 0.42 U	0.81	0.092 J	0.12 J	0.15 J	0.49	0.10 J	1.4	1.4	< 0.41 U	0.75	0.53	2.5	0.69	1.2	1.6	0.17 J	0.88	0.19 J	2.1	0.56	0.032 J
CALCIUM	NE	NE	NE	48600 J	155000	71000	12500	10300	14700 J	72600 J	161000 J	41500 J	48100 J	26000	81600	133000	16400	145000	295000	34700	184000	49700	43700	53200	154000
CHROMIUM, TOTAL	**30**	**1500**	6800	6.5	**47.0**	14.1	15.1	16.7	23.3	**31.8**	**116**	**94.6**	7.7	23.5 J	18.8 J	**300 J**	28.2 J	**42.5 J**	**38.1 J**	17.2 J	**45.5 J**	9.2 J	**47.6 J**	16.5 J	11.0 J
COBALT	NE	NE	NE	5.1 J	14.8	7.6	9.4	11.2	13.8	6.0	10.7	12.5	6.2	11.4	9.9	22.8	10.7	8.6	6.1	8.7	14.5	5.2	11.4	7.6	7.0
COPPER	**30**	**270**	10000	13.4	**44.5**	23.4	18.5	23.3	**66.4**	**46.7**	**122**	**149**	15.2	**56.3**	29.6	**405**	**43.8**	**129**	**104**	**30.2**	**115**	23.8	**115**	26.0	13.8
IRON	NE	NE	NE	9810 J	13500	15400	18800	21700	33900 J	11200 J	30700 J	42200	9230	25200 J	19700 J	61400 J	23800 J	45800 J	14000 J	18200 J	19000 J	10900 J	26000 J	16600 J	13100 J
LEAD	**63**	**1000**	3900	4.6	46.7	12.6	7.9	11.5	42.9	17.6	**119**	**187**	4.7	44.5	24.5	**151**	35.6	41.2	**92.4**	18.4	60.2	14.9	**86.8**	15.4	9.8
MAGNESIUM	NE	NE	NE	15800	11600	14400	7650	8140	3130	18400	11900	9010 J	18100 J	9350 J	9260 J	14800 J	8600 J	11100 J	5870 J	17400	9260	14800	9430	12000	13800
MANGANESE	**1600**	10000	10000	301 J	370 J	372 J	462 J	536 J	151 J	294 J	389 J	515 J	326 J	273 J	325 J	656 J	389 J	303 J	406 J	317 J	603 J	362 J	367 J	402 J	353 J
MERCURY	**0.18**	**2.8**	**5.7**	< 0.037 U	**0.23**	0.028 J	0.030 J	0.041 J	**0.42**	**0.31**	**0.30**	**0.27**	< 0.031 U	**0.24**	**0.28**	**1.4**	**0.20**	**0.42**	**1.2**	0.039	**0.40**	**0.43**	**0.77**	0.080	0.033 J
NICKEL	**30**	**310**	10000	10.7	26.0	18.5	23.3	27.2	**36.1**	13.3	**191**	**150 J**	13.2 J	**35.1**	**36.0**	**220**	26.6	**81.7**	**46.6**	23.6	**66.5**	13.3	**64.0**	23.1	17.3
POTASSIUM	NE	NE	NE	742 J	1190 J	1240 J	1200 J	1280 J	1760 J	847 J	912 J	1130	677	1390 J	1300 J	1260 J	1340 J	927 J	860 J	1030 J	783 J	912 J	1090 J	974 J	1080 J
SELENIUM	**3.9**	1500	6800	< 1.0 U	< 0.95 U	< 0.92 U	0.23 J	< 0.98 U	1.0 J	< 0.92 U	0.84 J	1.3	< 1.0 U	1.1 J	< 1.1 U	< 2.1 U	0.91 J	< 1.2 U	0.66 J	0.27 J	< 1.0 U	< 1.0 U	1.9	< 0.98 U	< 1.1 U
SILVER	**2**	1500	6800	< 0.52 U	0.17 J	< 0.46 UJ	< 0.47 UJ	< 0.49 UJ	< 0.59 U	< 0.46 U	0.40 J	0.36 J	< 0.51 U	0.077 J	< 0.53 U	1.6	0.064 J	< 0.60 U	0.098 J	0.16 J	1.3	0.23 J	1.1	0.19 J	< 0.54 U
SODIUM	NE	NE	NE	< 520 U	< 480 U	< 460 U	< 470 U	< 490 U	286 J	103 J	389 J	320 J	108 J	< 640 U	< 530 U	< 520 U	< 640 U	< 600 U	< 540 U	< 520 U	< 510 U	< 510 U	< 790 U	< 490 U	< 540 U
THALLIUM	NE	NE	NE	0.17 J	0.62 J	0.26 J	< 0.93 U	< 0.98 U	0.31 J	0.26 J	0.22 J	< 1.0 U	0.17 J	1.1 J	0.56 J	0.53 J	0.78 J	0.60 J	0.86 J	0.29 J	0.52 J	0.19 J	< 1.6 U	0.19 J	0.57 J
VANADIUM	NE	NE	NE	9.6	19.5 J	16.8 J	21.0 J	23.1 J	42.4	9.9	25.7	29.7	8.7	36.4 J	18.9 J	21.6 J	28.9 J	23.7 J	10.3 J	20.0	15.8	10.1	22.9	14.9	13.0
ZINC	**109**	**1000**	10000	20.7 J	79.6 J	46.6 J	43.3 J	51.4 J	58.1 J	70.2 J	**166 J**	**190**	22.2	72.9 J	70.0 J	**804 J**	88.2 J	97.0 J	**156 J**	50.9 J	82.2 J	66.9 J	**136 J**	47.7 J	34.9 J

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) Chromium as Trivalent Chromium

Table 4
Metal Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-516	SB-516	SB-516	SB-517	SB-517	SB-517	SB-518	SB-518	SB-518	SB-519	SB-519	SB-519	SB-520	SB-520	SB-520	SB-521	SB-521	SB-521	SB-522	SB-522	SB-522	SB-522
				11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/5/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014
	Unrestricted	Commercial	Industrial	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	4 - 8 ft
				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
UTC Carrier Metals																									
ALUMINUM	NE	NE	NE	7800	8240	12300	7280	10400	8030	8860	9370	13300	3260	6950	9100	9360	8900	9080	8870	9120	8200	17900	7900	6250	4520
ANTIMONY	NE	NE	NE	0.35 J	5.0 J	< 0.91 UJ	< 0.92 UJ	1.6 J	0.32 J	0.76 J	0.20 J	< 1.0 UJ	< 1.1 U	0.47 J	< 1.0 UJ	< 1.3 UJ	< 0.99 UJ	< 1.0 UJ	< 0.90 UJ	< 0.92 UJ	< 0.90 UJ	< 1.0 UJ	0.21 J	25.0 J	16.7 J
ARSENIC	**13**	**16**	**16**	**14.1**	**13.3**	5.7	5.8	**47.9**	**28.5**	**16.1**	9.1	6.0	**17.8**	11.6	4.7	8.3	4.9	5.0	7.6	6.3	5.7	9.8	**14.5**	**13.4**	10.8
BARIUM	**350**	**400**	10000	143	99.5	83.4	78.5	288	196	154	87.9	114	66.6	77.3	71.2	183	113	77.1	84.6	82.0	58.7	98.9	74.7	**566**	234
BERYLLIUM	7.2	590	2700	1.1	0.80	0.60	0.44	1.5	1.4	0.61	0.65	0.65	0.93	0.76	0.48	0.70	0.47	0.45	0.56	0.51	0.46	0.76	1.3	0.48	0.37
CADMIUM	**2.5**	**9.3**	**60**	1.1	1.1	0.17 J	0.21 J	**18.0**	1.1	**2.7**	**2.9**	< 0.41 U	0.46	0.77	< 0.41 U	0.49 J	0.099 J	0.030 J	0.24 J	0.11 J	0.49	1.8	0.11 J	**78.8**	**48.1**
CALCIUM	NE	NE	NE	70100	62800	45000	107000	62000	127000	77200	45400	73700	7000	52700	46900	49200	43800	52700	72500	59300	138000	73000	78800	74400	143000
CHROMIUM, TOTAL	**30**	**1500**	6800	**35.5 J**	**3620 J**	23.9 J	14.7 J	**112 J**	**80.3 J**	**72.9 J**	**38.0 J**	19.2 J	**143 J**	**78.4 J**	25.2 J	19.2 J	16.0 J	13.2 J	15.0 J	14.6 J	28.9 J	**49.4 J**	19.6 J	**254 J**	**160 J**
COBALT	NE	NE	NE	9.4	33.9	9.4	6.7	11.8	10.6	12.6	9.6	12.5	6.8	7.8	8.8	9.6	9.3	8.9	7.7	8.1	7.0	11.9	10	8.9	7.6
COPPER	**30**	**270**	10000	**925**	**391**	**66.7**	21.2	**246**	**246**	**806**	**115**	28.5	**108**	**90.5**	26.1	**62.9**	25.6	19.2	27.6	23.0	**79.9**	**43.5**	**50.2**	**760**	**513**
IRON	NE	NE	NE	27100	38900	19900	13800	46200	28700	41200 J	21500 J	24900 J	23900 J	19800 J	17500 J	19900 J	17600 J	16800 J	18000	17600	15400	31600	26300 J	82000 J	63800 J
LEAD	**63**	**1000**	3900	**101 J**	**1330 J**	51.8 J	35.2 J	**175 J**	**69.9 J**	**175**	**119**	10.9	30.4	**71.7**	9.1	50.5	12.8	8.7	60.0 J	37.1 J	36.7 J	31.2 J	40.5	**3700**	**3130**
MAGNESIUM	NE	NE	NE	7490	12700	12600	23800	8590	13800	14500	12100	29600	2290	7460	22700	20200	17700	15700	10600	15400	10100	15200	6810	6230	6120
MANGANESE	**1600**	10000	10000	377	619	639	321	409	466	570 J	454 J	484 J	203 J	298 J	668 J	410 J	519 J	454 J	354	418	457	604	279 J	1330 J	826 J
MERCURY	**0.18**	**2.8**	**5.7**	**1.3**	**0.82**	**0.26**	0.15	**1.2**	**0.85**	**0.91**	**1.2**	0.023 J	**0.63**	**0.29**	0.033 J	**0.38**	0.090	0.025 J	0.075	0.079	**0.99**	**0.42**	**0.26**	**0.72**	**0.79**
NICKEL	**30**	**310**	10000	**122 J**	**1600 J**	**185 J**	18.3 J	**100 J**	**121 J**	**128**	**61.0**	**31.1**	**56.3**	**45.2**	23.3	29.4	25.5	21.4	20.3 J	21.0 J	**50.1 J**	**33.3 J**	26.5	**51.7**	**36.7**
POTASSIUM	NE	NE	NE	1130	1100	1640	1240	1540	1190	1180 J	1260 J	2270 J	493 J	845 J	1310 J	1600 J	1130 J	1070 J	1400	1440	1270	5080	1060 J	919 J	770 J
SELENIUM	**3.9**	1500	6800	< 0.96 U	< 1.9 U	< 0.91 U	< 0.92 U	0.50 J	< 0.96 U	< 1.0 U	0.58 J	< 1.0 U	2.3	0.66 J	< 1.0 U	0.65 J	< 0.99 U	< 1.0 U	< 0.90 U	< 0.92 U	< 0.90 U	< 1.0 U	0.41 J	< 4.7 U	< 4.7 U
SILVER	**2**	1500	6800	0.49	0.20 J	**2.1**	< 0.46 U	0.44 J	1.8	1.4	1.2	< 0.51 U	0.29 J	0.15 J	0.10 J	0.28 J	< 0.49 U	< 0.50 U	< 0.45 U	< 0.46 U	0.13 J	< 0.50 U	< 0.51 U	**13.0**	**12.4**
SODIUM	NE	NE	NE	< 480 U	< 460 U	< 450 U	< 460 U	< 560 U	< 480 U	< 520 U	< 530 U	< 510 U	< 550 U	< 500 U	< 510 U	< 630 U	< 490 U	< 500 U	< 450 U	< 460 U	< 450 U	< 500 U	< 510 U	4170	3140
THALLIUM	NE	NE	NE	0.78 J	0.91 J	0.24 J	0.81 J	0.79 J	1.2	0.15 J	0.19 J	0.30 J	< 1.1 U	0.21 J	< 1.0 U	0.52 J	0.23 J	< 1.0 U	0.48 J	0.18 J	0.55 J	0.57 J	0.93 J	0.18 J	0.32 J
VANADIUM	NE	NE	NE	25.7	31.6	22.1	16.6	44.5	29.2	20.4	21.4	20.8	21.1	17.2	16.9	23.1	16.9	16.6	18.6	18.5	16.6	43.0	38.3	15.7	11.2
ZINC	**109**	**1000**	10000	**157 J**	**141 J**	75.4 J	63.2 J	**201 J**	**121 J**	**346 J**	**136 J**	55.1 J	53.8 J	**114 J**	37.9 J	**141 J**	54.9 J	39.3 J	93.9 J	56.5 J	83.6 J	74.8 J	37.3 J	**7300 J**	**9180 J**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) Chromium as Trivalent Chromium

Table 4
Metal Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-523	SB-523	SB-523	SB-524	SB-524	SB-524	SB-525	SB-525	SB-525	SB-527	SB-527	SB-527	SB-528	SB-528	SB-528	SB-529	SB-529	SB-529	SB-530	SB-530	SB-530	SB-531
				11/4/2014	11/4/2014	11/4/2014	11/19/2014	11/19/2014	11/19/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/4/2014	11/3/2014
	Unrestricted	Commercial	Industrial	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft
				N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
UTC Carrier Metals																									
ALUMINUM	NE	NE	NE	9470	9290	6270	5530	13100	7930	7550	10100	7350	11400	10800	10300	8870	8760	8120	7750	9700	8370	11200	11500	9080	9700
ANTIMONY	NE	NE	NE	0.25 J	0.38 J	2.4 J	0.87 J	3.2 J	0.67 J	< 0.91 UJ	< 0.90 UJ	< 0.87 UJ	< 1.0 UJ	< 0.89 UJ	< 0.92 UJ	< 0.96 UJ	< 0.91 UJ	< 0.97 UJ	< 0.87 UJ	0.13 J	0.42 J	< 0.98 UJ	< 0.90 UJ	< 0.88 UJ	< 0.87 UJ
ARSENIC	**13**	**16**	**16**	**15.8**	**28.2**	**22.0**	**14.4**	**38.9**	**13.5**	5.2	4.8	5.4	10.9	11.9	7.0	5.8	7.6	**14.7**	6.0	**14.0**	**34.0**	**13.2**	6.1	5.2	5.7
BARIUM	**350**	**400**	10000	99.8	164	158	78.9	348	88.1	60.6	87.1	49.4	97.2	94.6	79.1	76.0	81.1	137	57.1	96.6	155	135	82.7	60.6	69.4
BERYLLIUM	7.2	590	2700	1.4	1.3	0.79	1.5	2.1	0.87	0.42	0.50	0.40	0.63	0.57	0.51	0.45	0.55	1.5	0.41	0.87	2.1	0.87	0.60	0.48	0.50
CADMIUM	**2.5**	**9.3**	**60**	0.51	1.7	**4.9**	0.42 J	1.6	0.89	0.24 J	0.027 J	0.026 J	0.78	0.57	0.074 J	0.077 J	0.73	0.74	0.43	0.47	0.40	0.62	0.13 J	0.079 J	0.17 J
CALCIUM	NE	NE	NE	47800	70700	92900	24200	14500	46600	65500	50600	136000	84600	64400	72400	62400	66400	33100	87100	63400	40300	19700	25500	81300	45900
CHROMIUM, TOTAL	**30**	**1500**	6800	29.1 J	**62.9 J**	**107 J**	**105**	**148**	**169**	12.8 J	16.1 J	**53.5 J**	18.2 J	**63.8 J**	15.5 J	15.9 J	**57.4 J**	**55.2 J**	16.9 J	19.5 J	**51.1 J**	25.1 J	26.3 J	13.8 J	16.3 J
COBALT	NE	NE	NE	10.6	13.0	16.4	9.3	15.1	8.6	7.2	9.1	7.0	10.2	10.9	9.6	10.4	9.5	10.2	7.5	7.5	11.4	15.2	8.6	8.6	7.8
COPPER	**30**	**270**	10000	**40.9**	**184**	**1460**	**61.1**	**123**	**105**	20.6	19.4	15.7	29.4	**84.4**	21.1	23.2	**45.2**	**69.3**	**49.1**	29.1	**83.4**	**33.5**	18.5	18.1	25.1
IRON	NE	NE	NE	20900 J	38400 J	39700 J	13200	43900	18400	14600 J	17600 J	13200 J	20300	26300	17200	20300 J	22800 J	25200 J	14500 J	15400 J	26900 J	21900 J	19600 J	17000 J	17100 J
LEAD	**63**	**1000**	3900	34.2	**188**	**293**	25.7	**1570**	**404**	19.9	8.8	10.6	17.0 J	30.0 J	16.5 J	11.8	36.8	29.4	26.8	38.3	38.4	31.8	12.7	9.9	24.2
MAGNESIUM	NE	NE	NE	12200	9160	7280	4750 J	1160 J	10500 J	11100	17000	13000	22500	15700	20900	20900	15400	8700	23200	11300	4200	6160	6800	11700	12600
MANGANESE	**1600**	10000	10000	364 J	436 J	787 J	217 J	118 J	389 J	369 J	493 J	372 J	516	653	420	551 J	326 J	285 J	379 J	325 J	272 J	858 J	381 J	449 J	377 J
MERCURY	**0.18**	**2.8**	**5.7**	**0.44**	**1.1**	**1.6**	**0.40**	**0.74**	**1.9**	0.054	0.030 J	0.038	0.15	0.084	0.051	0.039	0.15	**0.51**	**0.56**	**0.56**	**0.98**	0.17	0.062	0.033 J	**0.32**
NICKEL	**30**	**310**	10000	27.6	**120**	**513**	**32.4**	**193**	**69.9**	18.9	21.8	17.2	25.1 J	**287 J**	23.2 J	26.6	**144**	**32.2**	20.2	19.9	**46.9**	29.2	21.1	20.8	20.1
POTASSIUM	NE	NE	NE	1400 J	1210 J	1010 J	890 J	2390 J	1070 J	1170 J	1160 J	1070 J	1860	1530	1600	1200 J	1120 J	1090 J	1350 J	1230 J	1040 J	1500 J	1170 J	927 J	1030 J
SELENIUM	**3.9**	1500	6800	0.87 J	0.55 J	0.77 J	1.1 J	**4.9**	0.73 J	< 0.91 U	< 0.90 U	< 0.87 U	< 1.0 U	< 0.89 U	< 0.92 U	< 0.96 U	< 0.91 U	1.8	< 0.87 U	< 0.89 U	2.3	0.48 J	< 0.90 U	< 0.88 U	< 0.87 U
SILVER	**2**	1500	6800	0.063 J	0.59	**5.0**	0.29 J	0.072 J	0.38 J	< 0.45 U	< 0.45 U	< 0.44 U	< 0.50 U	0.098 J	< 0.46 U	< 0.48 U	< 0.45 U	0.84	< 0.43 U	0.15 J	< 0.41 U	< 0.49 U	< 0.45 U	< 0.44 U	0.061 J
SODIUM	NE	NE	NE	< 520 U	< 430 U	< 410 U	105 J	339 J	111 J	< 450 U	< 450 U	< 440 U	< 500 U	< 450 U	< 460 U	< 480 U	< 450 U	< 490 U	< 430 U	< 440 U	< 410 U	< 490 U	< 450 U	< 440 U	< 440 U
THALLIUM	NE	NE	NE	0.77 J	0.36 J	0.58 J	0.40 J	1.0 J	0.25 J	0.29 J	0.28 J	0.71 J	0.78 J	0.58 J	0.41 J	0.48 J	0.25 J	0.60 J	0.44 J	0.75 J	1.1	0.30 J	0.25 J	0.49 J	0.38 J
VANADIUM	NE	NE	NE	36.7	33.5	21.2	48.5	32.8	44.6	16.6	18.5	14.6	22.2	23.5	25.6	17.5	19.7	30.6	18.2	24.1	44.7	27.9	21.4	17.4	18.6
ZINC	**109**	**1000**	10000	77.3 J	**587 J**	**345 J**	54.9	**151**	**150**	46.5 J	41.1 J	33.9 J	67.2 J	71.6 J	48.8 J	73.2 J	**118 J**	**123 J**	77.8 J	71.4 J	67.1 J	71.6 J	48.2 J	38.1 J	54.9 J

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) Chromium as Trivalent Chromium

Table 4
Metal Results for Surface and Subsurface Soil

Chemical Name	NYSDEC Part 375-6 Soil Cleanup Objectives			SB-531	SB-531	SB-533	SB-533	SB-533	SB-533	SB-534	SB-534	SB-534	SB-535	SB-535	SB-535
				11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	11/3/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014
	Unrestricted	Commercial	Industrial	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	8 - 12 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft	0 - 0.5 ft	0.5 - 4 ft	4 - 8 ft
				N	N	N	N	N	N	N	N	N	N	N	N
UTC Carrier Metals															
ALUMINUM	NE	NE	NE	8780	9740	6790	10600	7700	7520	11000	11100	7920	14100	10300	10100
ANTIMONY	NE	NE	NE	< 0.85 UJ	0.34 J	< 0.87 UJ	< 0.91 UJ	< 1.1 UJ	< 1.4 UJ	0.91 J	0.36 J	0.20 J	< 1.1 UJ	0.14 J	0.15 J
ARSENIC	**13**	**16**	**16**	5.3	3.1	4.2	4.6	**25.3**	**25.5**	6.8	**26.8**	6.8	6.6	7.2	4.1
BARIUM	**350**	**400**	10000	66.6	55.5	54.6	84.8	**509**	**378**	76.5	124	90.1	113	89.5	85.2
BERYLLIUM	7.2	590	2700	0.45	0.43	0.37	0.53	2.1	1.9	0.56	1.8	0.54	1.2	0.51	0.47
CADMIUM	**2.5**	**9.3**	**60**	0.22 J	< 0.41 U	0.17 J	0.22 J	0.055 J	0.14 J	0.77	0.41 J	0.45	0.42 J	0.11 J	0.11 J
CALCIUM	NE	NE	NE	37400	28600	68100	25800	6630	32900	49200	38000	51300	57200	40500	45300
CHROMIUM, TOTAL	**30**	**1500**	6800	16.4 J	14.3 J	12.7	15.5	17.4	16.4	19.9	18.1	14.0	15.7	14.0	13.9
COBALT	NE	NE	NE	7.4	6.9	6.6	10.1	8.5	9.4	8.4	12.6	8.6	7.2	9.2	7.6
COPPER	**30**	**270**	10000	26.3	15.2	18.2	17.4	**33.8**	**39.4**	**42.0 J**	**47.3 J**	24.6 J	**31.2 J**	22.3 J	18.4 J
IRON	NE	NE	NE	15500 J	15600 J	12900 J	18300 J	12800 J	13100 J	19500	39700	20600	15800	20100	16400
LEAD	**63**	**1000**	3900	28.8	6.0	17.8	10.3	13.5	13.7	**91.3**	19.4	12.9	28.3	14.7	9.4
MAGNESIUM	NE	NE	NE	10500	13800	24300	8330	1400	5350	13600	9680	19200	11300	18300	20300
MANGANESE	**1600**	10000	10000	394 J	439 J	402	768	76.5	126	384	302	477	957	446	451
MERCURY	**0.18**	**2.8**	**5.7**	**0.39**	0.014 J	0.12	0.052	**0.52**	**0.67**	**0.42**	**0.54**	0.071	0.11	0.032 J	0.031 J
NICKEL	**30**	**310**	10000	19.6	18.9	16.4	21.8	17.7	20.9	20.1	28.9	22.7	19.8	23.3	20.3
POTASSIUM	NE	NE	NE	997 J	1490 J	1140	1110	1160	1100	1440	1640	1240	2350	1290	1470
SELENIUM	**3.9**	1500	6800	< 0.85 U	< 1.0 U	< 0.87 U	< 0.91 U	**4.1**	**4.7**	< 1.1 U	2.5	< 1.1 U	0.82 J	< 0.99 U	< 1.0 U
SILVER	**2**	1500	6800	0.076 J	0.072 J	< 0.44 U	< 0.45 U	< 0.55 U	< 0.68 U	0.39 J	0.077 J	0.18 J	0.17 J	0.049 J	0.083 J
SODIUM	NE	NE	NE	< 420 U	< 510 U	65.7 J	32.2 J	173 J	187 J	< 550 U	< 640 U	< 540 U	< 540 U	< 490 U	< 520 U
THALLIUM	NE	NE	NE	0.21 J	< 1.0 U	0.38 J	0.17 J	0.72 J	0.84 J	0.24 J	0.59 J	0.30 J	0.28 J	< 0.99 U	< 1.0 U
VANADIUM	NE	NE	NE	17.3	16.4	17.6	20.4	36.8	52.7	25.6	38.9	19.4	21.2	21.4	20.2
ZINC	**109**	**1000**	10000	54.3 J	36.5 J	103	44.6	24.4	34.8	79.7	50.8	48.4	59.5	41.9	41.4

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) Chromium as Trivalent Chromium

Table 5
Summary of the EnSafe Phase II Investigation Soil Data

Chemical Name	NYSDEC: Part 375-6 Soil Cleanup Objectives																			
	Unrestricted	Commercial	Industrial	TSCA (PCBs Only)																
VOCs																				
Well ID					TR-22															
Interval Depth					12-16															
1,2 - Dichlorobenzene	1.1	500	1000	NE	1.17															
1,4 - Dichlorobenzene	1.8	130	250	NE	0.11 J															
Chlorobenzene	1.1	500	1000	NE	0.0716 J															
Ethylbenzene	1	390	780	NE	5.61															
Methylcyclohexane	NE	NE	NE	NE	0.278 J															
Naphthalene	12	500	1000	NE	1.17															
Xylene (Total)	0.26	500	1000	NE	15.7															
SVOCs																				
Well ID					SB-15	SB-19	SB-21	SB-25												
Interval Depth					0-4	4-8	0-4	0-4												
Benzo(a)anthracene	1	5.6	11	NE	1.43	1.08	1.62	6.54												
Benzo(a)pyrene	1	1	1.1	NE	1.24	1.01	1.84	5.47												
Chrysene	1	56	110	NE	1.17	1.18	1.6	6.02												
Metals																				
Well ID					SB-06	SB-06	SB-10	SB-10	SB-11	SB-11	SB-15	SB-15	SB-16	SB-16	SB-19	SB-19	SB-21	SB-21	SB-25	SB-25
Interval Depth					0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8
Arsenic	13	16	16	NE	U	U	19.4	U	U	U	U	U	U	U	24.9	46.8	U	U	U	U
Chromium	NE	NE	NE	NE	16.7	15.9	45	21.6	50.5	14.6	54	22.4	21.8	15	34.4	155	26.4	16.2	74.4	24.4
Copper	NE	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1870	U	U	U	505
Mercury	0.18	2.8	5.7	NE	U	U	U	U	U	U	2.3	U	U	U	U	U	U	U	1.3	U
PCBs																				
Well ID					SB-10	SB-14	SB-14	SB-15	SB-16	SB-19	SB-21	SB-24	SB-24	SB-25	SB-25	SB-26	SB-29	SB-30	SB-30	SB-31	TR-19	TR-21	TR-22	TR-24
Interval Depth					0-4	0-4	4-8	0-4	0-4	4-8	0-4	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8	0-4	0-4	4-8	0-4	0-4
Total PCBs	0.1	1	25	50	12.1	8.64	5.81	29.9	2.01	122	37.1	4.76	12.1	35.1	3.25	34.5	51	4.19	5.66	9.26	3.07	8.17	2.71	136

Notes:
1) U = Non-detect at laboratory detection limit
2) J= Estimated Value
3) All units in mg/kg
4) NE = Not established
5) Exceedances are bolded and highlighted
6) Data taken from EnSafe Phase II Investigation Report. Report only submitted data with regard to exceedances.

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDA1 UTC-SDA1-S-D12 11/06/13	SDA1 UTC-SDA1-S-D24 11/06/13	SDA1 UTC-SDA1-S-D6 11/06/13	SDA2 UTC-SDA2-S-D12 11/06/13	SDA2 UTC-SDA2-S-D24 11/06/13	SDA2 UTC-SDA2-S-D6 11/06/13	SDA3 UTC-SDA3-S-24 11/07/13	SDA3 UTC-SDA3-S-D12 11/07/13	SDA3 UTC-SDA3-S-D6 11/07/13	SDA4 UTC-SDA4-S-D12 11/08/13	SDA4 UTC-SDA4-S-D24 11/08/13	SDA4 UTC-SDA4-S-D6 11/08/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	0.00061	< 0.0074	< 0.0063	< 0.013
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
2-CHLOROTOLUENE	95-49-8	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
4-CHLOROTOLUENE	106-43-4	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
BENZENE	71-43-2	0.53	0.00094	0.00079	< 0.00071	0.00085	0.00098	0.00072	0.00031	0.0015	0.001	< 0.00074	< 0.00063	< 0.0013
BROMOBENZENE	108-86-1	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
BROMOFORM	75-25-2	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
BROMOMETHANE	74-83-9	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
CHLOROBENZENE	108-90-7	0.02	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
CHLOROETHANE	75-00-3	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
CHLOROFORM	67-66-3	0.000715	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
CHLOROMETHANE	74-87-3	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
CYMENE	99-87-6	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	0.108
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
DIBROMOMETHANE	74-95-3	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
ETHYLBENZENE	100-41-4	0.43	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	0.00047	0.00044	< 0.0028	0.00056	0.00059	0.00035	< 0.0020	0.00095	0.00072	< 0.0030	< 0.0025	< 0.0053
METHYLENE CHLORIDE	75-09-2	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
NAPHTHALENE	91-20-3	7.7	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
N-BUTYLBENZENE	104-51-8	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
N-PROPYLBENZENE	103-65-1	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
STYRENE	100-42-5	1.12	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0055	< 0.0045	< 0.0071	< 0.0049	< 0.0065	< 0.0060	< 0.0051	< 0.0080	< 0.0076	< 0.0074	< 0.0063	< 0.013
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
TOLUENE	108-88-3	0.93	0.0011	0.00099	0.00042	0.0011	0.0013	0.00077	0.00038	0.0019	0.0011	< 0.0074	< 0.0063	0.0009
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	0.003	< 0.0025	0.0014
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053
VINYL CHLORIDE	75-01-4	0.56	< 0.0022	< 0.0018	< 0.0028	< 0.0020	< 0.0026	< 0.0024	< 0.0020	< 0.0032	< 0.0030	< 0.0030	< 0.0025	< 0.0053

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg	cas_rn	sys_loc_code sys_sample_code sample_date	SDB1 UTC-SDB1-S-D12 11/06/13	SDB1 UTC-SDB1-S-D24 11/06/13	SDB1 UTC-SDB1-S-D6 11/06/13	SDB2 UTC-SDB2-QD-D6 11/07/13	SDB2 UTC-SDB2-S-D12 11/07/13	SDB2 UTC-SDB2-S-D24 11/07/13	SDB2 UTC-SDB2-S-D6 11/07/13	SDB4 UTC-SDB4-S-D12 11/07/13	SDB4 UTC-SDB4-S-D24 11/07/13	SDB4 UTC-SDB4-S-D6 11/07/13	SDC1 UTC-SDC1-S-D12 11/06/13	SDC1 UTC-SDC1-S-D24 11/06/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
2-CHLOROTOLUENE	95-49-8	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
4-CHLOROTOLUENE	106-43-4	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
BENZENE	71-43-2	0.53	0.00088	0.00057	< 0.00067	< 0.064	0.00051	0.00064	< 0.00087	< 0.00067	0.00064	< 0.00082	< 0.00072	< 0.00059
BROMOBENZENE	108-86-1	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
BROMOFORM	75-25-2	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
BROMOMETHANE	74-83-9	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
CHLOROBENZENE	108-90-7	0.02	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
CHLOROETHANE	75-00-3	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
CHLOROFORM	67-66-3	0.000715	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
CHLOROMETHANE	74-87-3	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
CYMENE	99-87-6	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
DIBROMOMETHANE	74-95-3	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
ETHYLBENZENE	100-41-4	0.43	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	0.00038	< 0.0021	< 0.0027	< 0.25	0.00036	0.00042	< 0.0035	< 0.0027	0.0004	< 0.0033	< 0.0029	< 0.0024
METHYLENE CHLORIDE	75-09-2	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
NAPHTHALENE	91-20-3	7.7	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
N-BUTYLBENZENE	104-51-8	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
N-PROPYLBENZENE	103-65-1	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
STYRENE	100-42-5	1.12	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0053	< 0.0053	< 0.0067	< 0.64	< 0.0059	< 0.0051	< 0.0087	< 0.0067	< 0.0050	< 0.0082	< 0.0072	< 0.0059
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
TOLUENE	108-88-3	0.93	0.00086	0.00058	< 0.0067	< 0.64	0.00052	0.00076	< 0.0087	0.00073	0.00096	0.00064	< 0.0072	< 0.0059
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0021	< 0.0021	0.0009	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024
VINYL CHLORIDE	75-01-4	0.56	< 0.0021	< 0.0021	< 0.0027	< 0.25	< 0.0024	< 0.0020	< 0.0035	< 0.0027	< 0.0020	< 0.0033	< 0.0029	< 0.0024

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDC1 UTC-SDC1-S-D6 11/06/13	SDC2 UTC-SDC2-S-D12 11/06/13	SDC2 UTC-SDC2-S-D24 11/06/13	SDC2 UTC-SDC2-S-D6 11/06/13	SDC3 UTC-SDC3-S-D12 11/06/13	SDC3 UTC-SDC3-S-D24 11/06/13	SDC3 UTC-SDC3-S-D6 11/06/13	SDC4 UTC-SDC4-S-D12 11/08/13	SDC4 UTC-SDC4-S-D24 11/08/13	SDC4 UTC-SDC4-S-D6 11/08/13	SDC5 UTC-SDC5-S-D12 11/07/13	SDC5 UTC-SDC5-S-D24 11/07/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0094	< 0.0059	< 0.0048	0.0005	0.00042	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
2-CHLOROTOLUENE	95-49-8	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
4-CHLOROTOLUENE	106-43-4	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
BENZENE	71-43-2	0.53	< 0.00094	< 0.00059	0.00048	0.0012	0.00081	0.0005	0.00069	< 0.00051	0.00078	< 0.00090	< 0.00089	0.00091
BROMOBENZENE	108-86-1	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
BROMOFORM	75-25-2	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
BROMOMETHANE	74-83-9	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
CHLOROBENZENE	108-90-7	0.02	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
CHLOROETHANE	75-00-3	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
CHLOROFORM	67-66-3	0.000715	< 0.0037	0.00077	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
CHLOROMETHANE	74-87-3	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
CYMENE	99-87-6	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
DIBROMOMETHANE	74-95-3	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
ETHYLBENZENE	100-41-4	0.43	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0037	< 0.0024	< 0.0019	0.0008	0.00064	< 0.0020	< 0.0021	< 0.0020	0.00056	< 0.0036	< 0.0035	0.00063
METHYLENE CHLORIDE	75-09-2	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
NAPHTHALENE	91-20-3	7.7	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
N-BUTYLBENZENE	104-51-8	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
N-PROPYLBENZENE	103-65-1	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
STYRENE	100-42-5	1.12	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0094	< 0.0059	< 0.0048	< 0.0059	< 0.0055	< 0.0049	< 0.0054	< 0.0051	< 0.0053	< 0.0090	< 0.0089	< 0.0053
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
TOLUENE	108-88-3	0.93	0.00067	< 0.0059	0.00059	0.0015	0.00098	0.00067	0.00064	< 0.0051	0.001	0.00053	0.00073	0.0012
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021
VINYL CHLORIDE	75-01-4	0.56	< 0.0037	< 0.0024	< 0.0019	< 0.0024	< 0.0022	< 0.0020	< 0.0021	< 0.0020	< 0.0021	< 0.0036	< 0.0035	< 0.0021

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDC5 UTC-SDC5-S-D6 11/07/13	SDD1 UTC-SDD1-S-D12 11/06/13	SDD1 UTC-SDD1-S-D24 11/06/13	SDD1 UTC-SDD1-S-D6 11/06/13	SDD2 UTC-SDD2-S-D12 11/07/13	SDD2 UTC-SDD2-S-D24 11/07/13	SDD2 UTC-SDD2-S-D6 11/07/13	SDD3 UTC-SDD3-S-D12 11/08/13	SDD3 UTC-SDD3-S-D24 11/08/13	SDD3 UTC-SDD3-S-D6 11/08/13	SDE1 UTC-SDE1-S-D12 11/06/13	SDE1 UTC-SDE1-S-D24 11/06/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	0.00088	0.0011
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	0.0027	0.0034
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0096	0.00027	< 0.0047	0.0007	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
2-CHLOROTOLUENE	95-49-8	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
4-CHLOROTOLUENE	106-43-4	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
BENZENE	71-43-2	0.53	< 0.00096	0.0011	0.00057	0.00057	0.00071	0.0006	< 0.00071	0.0006	0.0007	< 0.00068	0.00038	0.00054
BROMOBENZENE	108-86-1	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
BROMOFORM	75-25-2	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
BROMOMETHANE	74-83-9	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
CHLOROBENZENE	108-90-7	0.02	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
CHLOROETHANE	75-00-3	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
CHLOROFORM	67-66-3	0.000715	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
CHLOROMETHANE	74-87-3	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	0.002	0.003
CYMENE	99-87-6	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
DIBROMOMETHANE	74-95-3	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
ETHYLBENZENE	100-41-4	0.43	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0038	0.00069	0.00029	< 0.0033	0.00047	< 0.0022	< 0.0028	0.00033	0.00038	< 0.0027	< 0.0024	< 0.0018
METHYLENE CHLORIDE	75-09-2	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
NAPHTHALENE	91-20-3	7.7	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
N-BUTYLBENZENE	104-51-8	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
N-PROPYLBENZENE	103-65-1	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
STYRENE	100-42-5	1.12	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0096	< 0.0062	< 0.0047	< 0.0081	< 0.0053	< 0.0054	< 0.0071	< 0.0046	< 0.0057	< 0.0068	< 0.0060	< 0.0046
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
TOLUENE	108-88-3	0.93	0.0028	0.0013	0.00062	0.001	0.00081	0.00058	0.00038	0.00064	0.00075	0.00056	0.00054	0.00058
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	0.0071	0.0083
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018
VINYL CHLORIDE	75-01-4	0.56	< 0.0038	< 0.0025	< 0.0019	< 0.0033	< 0.0021	< 0.0022	< 0.0028	< 0.0019	< 0.0023	< 0.0027	< 0.0024	< 0.0018

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDE1 UTC-SDE1-S-D6 11/06/13	SDE2 UTC-SDE2-S-D12 11/06/13	SDE2 UTC-SDE2-S-D24 11/06/13	SDE2 UTC-SDE2-S-D6 11/06/13	SDE3 UTC-SDE3-S-D12 11/08/13	SDE3 UTC-SDE3-S-D24 11/08/13	SDE3 UTC-SDE3-S-D6 11/08/13	SDE4 UTC-SDE4-S-D12 11/08/13	SDE4 UTC-SDE4-S-D24 11/08/13	SDE4 UTC-SDE4-S-D6 11/08/13	SDF1 UTC-SDF1-S-D12 11/04/13	SDF1 UTC-SDF1-S-D24 11/04/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,1,1-TRICHLOROETHANE	71-55-6	0.06	0.0019	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,1-DICHLOROETHANE	75-34-3	0.0541	0.0045	0.0132	0.0126	0.0054	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0028	0.0016	0.0013	0.0011	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	0.00051	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
2-CHLOROTOLUENE	95-49-8	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
4-CHLOROTOLUENE	106-43-4	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
BENZENE	71-43-2	0.53	0.00095	0.0007	0.00057	< 0.00067	0.00076	0.00064	< 0.00066	< 0.00088	0.00067	< 0.00091	0.00058	0.00066
BROMOBENZENE	108-86-1	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
BROMOFORM	75-25-2	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
BROMOMETHANE	74-83-9	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
CHLOROBENZENE	108-90-7	0.02	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
CHLOROETHANE	75-00-3	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
CHLOROFORM	67-66-3	0.000715	0.00097	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
CHLOROMETHANE	74-87-3	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	0.0827	0.41	0.11	0.139	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	0.00064
CYMENE	99-87-6	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
DIBROMOMETHANE	74-95-3	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
ETHYLBENZENE	100-41-4	0.43	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	0.00062	< 0.0024	< 0.0018	< 0.0027	0.00038	0.0004	< 0.0026	< 0.0035	< 0.0049	< 0.0036	0.00028	0.00031
METHYLENE CHLORIDE	75-09-2	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
NAPHTHALENE	91-20-3	7.7	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
N-BUTYLBENZENE	104-51-8	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
N-PROPYLBENZENE	103-65-1	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
STYRENE	100-42-5	1.12	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0069	< 0.0060	< 0.0045	< 0.0067	< 0.0062	< 0.0048	< 0.0066	< 0.0088	< 0.012	< 0.0091	< 0.0046	< 0.0051
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
TOLUENE	108-88-3	0.93	0.0011	0.00044	0.00063	< 0.0067	0.00076	0.00072	< 0.0066	0.0015	0.00071	0.0014	0.00066	0.0007
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	0.0014	0.0102	0.0012	0.0042	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	0.0702	0.0681	0.0432	0.024	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0028	< 0.0024	< 0.0018	< 0.0027	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020
VINYL CHLORIDE	75-01-4	0.56	< 0.0028	0.0028	< 0.0018	0.0013	< 0.0025	< 0.0019	< 0.0026	< 0.0035	< 0.0049	< 0.0036	< 0.0018	< 0.0020

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDF1 UTC-SDF1-S-D6 11/04/13	SDF2 UTC-SDF2-S-D12 11/07/13	SDF2 UTC-SDF2-S-D24 11/07/13	SDF2 UTC-SDF2-S-D6 11/07/13	SDF3 UTC-SDF3-S-D12 11/08/13	SDF3 UTC-SDF3-S-D24 11/08/13	SDF3 UTC-SDF3-S-D6 11/08/13	SDF4 UTC-SDF4-S-D12 11/08/13	SDF4 UTC-SDF4-S-D24 11/08/13	SDF4 UTC-SDF4-S-D6 11/08/13	SDG1 UTC-SDG1-S-D12 11/06/13	SDG1 UTC-SDG1-S-D24 11/06/13
VOC's	cas_rn	NYSDEC SED - CLASS A												Phase 1 Sampling: November 2013
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0023	< 0.0025	0.0027	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	0.00038	< 0.0090
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
2-CHLOROTOLUENE	95-49-8	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
4-CHLOROTOLUENE	106-43-4	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
BENZENE	71-43-2	0.53	0.00076	0.00051	0.0011	0.00078	0.00049	0.0012	0.00042	0.00033	0.00044	< 0.00098	0.0012	0.00092
BROMOBENZENE	108-86-1	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
BROMOFORM	75-25-2	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
BROMOMETHANE	74-83-9	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
CHLOROBENZENE	108-90-7	0.02	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
CHLOROETHANE	75-00-3	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
CHLOROFORM	67-66-3	0.000715	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
CHLOROMETHANE	74-87-3	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0023	0.0029	0.0593	0.0247	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
CYMENE	99-87-6	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
DIBROMOMETHANE	74-95-3	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
ETHYLBENZENE	100-41-4	0.43	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	0.00036	< 0.0025	0.0006	< 0.0026	< 0.0025	0.00069	< 0.0027	< 0.0022	< 0.0021	< 0.0039	0.0007	0.00061
METHYLENE CHLORIDE	75-09-2	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
NAPHTHALENE	91-20-3	7.7	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
N-BUTYLBENZENE	104-51-8	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
N-PROPYLBENZENE	103-65-1	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
STYRENE	100-42-5	1.12	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0058	< 0.0062	< 0.0050	< 0.0065	< 0.0062	< 0.0056	< 0.0068	< 0.0054	< 0.0052	< 0.0098	< 0.0064	< 0.0090
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
TOLUENE	108-88-3	0.93	0.00083	0.00048	0.0014	0.00066	0.00051	0.0014	0.00043	0.0003	0.00046	0.0028	0.0013	0.0011
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0023	< 0.0025	0.002	0.0018	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036
VINYL CHLORIDE	75-01-4	0.56	< 0.0023	< 0.0025	< 0.0020	< 0.0026	< 0.0025	< 0.0022	< 0.0027	< 0.0022	< 0.0021	< 0.0039	< 0.0025	< 0.0036

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDG1 UTC-SDG1-S-D6 11/06/13	SDG2 UTC-SDG2-S-D12 11/07/13	SDG2 UTC-SDG2-S-D24 11/07/13	SDG2 UTC-SDG2-S-D6 11/07/13	SDH1 UTC-SDH1-S-D12 11/06/13	SDH1 UTC-SDH1-S-D24 11/06/13	SDH1 UTC-SDH1-S-D6 11/06/13	SDH2 UTC-SDH2-S-D12 11/07/13	SDH2 UTC-SDH2-S-D24 11/07/13	SDH2 UTC-SDH2-S-D6 11/07/13	SDH3 UTC-SDH3-S-D12 11/07/13	SDH3 UTC-SDH3-S-D24 11/07/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	0.005	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
2-CHLOROTOLUENE	95-49-8	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
4-CHLOROTOLUENE	106-43-4	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
BENZENE	71-43-2	0.53	0.00005	< 0.00068	0.00057	< 0.00089	< 0.00063	0.00051	< 0.0027	< 0.00058	< 0.00054	< 0.00088	< 0.00061	0.00059
BROMOBENZENE	108-86-1	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
BROMOFORM	75-25-2	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
BROMOMETHANE	74-83-9	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
CHLOROBENZENE	108-90-7	0.02	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
CHLOROETHANE	75-00-3	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
CHLOROFORM	67-66-3	0.000715	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
CHLOROMETHANE	74-87-3	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0028	< 0.0027	< 0.0019	< 0.0036	0.00091	< 0.0018	0.0037	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
CYMENE	99-87-6	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
DIBROMOMETHANE	74-95-3	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
ETHYLBENZENE	100-41-4	0.43	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	0.0012	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0028	< 0.0027	0.00034	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	0.00043
METHYLENE CHLORIDE	75-09-2	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
NAPHTHALENE	91-20-3	7.7	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
N-BUTYLBENZENE	104-51-8	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
N-PROPYLBENZENE	103-65-1	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
STYRENE	100-42-5	1.12	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0070	< 0.0068	< 0.0047	< 0.0089	< 0.0063	< 0.0045	< 0.027	< 0.0058	< 0.0054	< 0.0088	< 0.0061	< 0.0062
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
TOLUENE	108-88-3	0.93	0.00045	< 0.0068	0.00072	0.00096	0.00085	0.00065	0.027	< 0.0058	< 0.0054	0.00093	< 0.0061	0.00083
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0028	< 0.0027	< 0.0019	< 0.0036	0.0011	< 0.0018	0.0054	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025
VINYL CHLORIDE	75-01-4	0.56	< 0.0028	< 0.0027	< 0.0019	< 0.0036	< 0.0025	< 0.0018	< 0.011	< 0.0023	< 0.0022	< 0.0035	< 0.0025	< 0.0025

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDH3 UTC-SDH3-S-D6 11/07/13	SDI1 UTC-SDI1-QD-D12 11/06/13	SDI1 UTC-SDI1-QD-D24 11/06/13	SDI1 UTC-SDI1-QD-D6 11/06/13	SDI1 UTC-SDI1-S-D12 11/06/13	SDI1 UTC-SDI1-S-D24 11/06/13	SDI1 UTC-SDI1-S-D6 11/06/13	SDI2 UTC-SDI2-S-D12 11/07/13	SDI2 UTC-SDI2-S-D24 11/07/13	SDI2 UTC-SDI2-S-D6 11/07/13	SDI3 UTC-SDI3-S-D12 11/05/13	SDI3 UTC-SDI3-S-D24 11/05/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.014	0.00037	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	0.0039	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	0.00049
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
2-CHLOROTOLUENE	95-49-8	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
4-CHLOROTOLUENE	106-43-4	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
BENZENE	71-43-2	0.53	< 0.0014	0.00065	0.001	< 0.00059	0.00039	0.0008	< 0.00070	< 0.0033	< 0.00095	< 0.0074	< 0.00060	< 0.00061
BROMOBENZENE	108-86-1	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
BROMOCHLOROMETHANE	74-97-5	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
BROMOFORM	75-25-2	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
BROMOMETHANE	74-83-9	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
CHLOROBENZENE	108-90-7	0.02	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
CHLOROETHANE	75-00-3	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
CHLOROFORM	67-66-3	0.000715	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
CHLOROMETHANE	74-87-3	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
CYMENE	99-87-6	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
DIBROMOMETHANE	74-95-3	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
ETHYLBENZENE	100-41-4	0.43	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	0.00046
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0058	0.00036	0.0006	< 0.0024	< 0.0023	0.00038	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	0.00036
METHYLENE CHLORIDE	75-09-2	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
NAPHTHALENE	91-20-3	7.7	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
N-BUTYLBENZENE	104-51-8	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
N-PROPYLBENZENE	103-65-1	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
SEC-BUTYLBENZENE	135-98-8	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
STYRENE	100-42-5	1.12	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
TERT-BUTYLBENZENE	98-06-6	NG	< 0.014	< 0.0052	< 0.0056	< 0.0059	< 0.0058	< 0.0062	< 0.0070	< 0.033	< 0.0095	< 0.074	< 0.0060	< 0.0061
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
TOLUENE	108-88-3	0.93	0.0014	0.0007	0.0013	< 0.0059	0.00065	0.00089	0.00056	0.0333	0.0023	0.013	0.0003	0.0022
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025
VINYL CHLORIDE	75-01-4	0.56	< 0.0058	< 0.0021	< 0.0022	< 0.0024	< 0.0023	< 0.0025	< 0.0028	< 0.013	< 0.0038	< 0.03	< 0.0024	< 0.0025

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDI3 UTC-SDI3-S-D6 11/05/13	SDJ1 UTC-SDJ1-S-D12 11/06/13	SDJ1 UTC-SDJ1-S-D24 11/06/13	SDJ1 UTC-SDJ1-S-D6 11/06/13	SDJ2 UTC-SDJ2-S-D12 11/07/13	SDJ2 UTC-SDJ2-S-D24 11/07/13	SDJ2 UTC-SDJ2-S-D6 11/07/13	SDJ3 UTC-SDJ3-S-D12 11/05/13	SDJ3 UTC-SDJ3-S-D24 11/05/13	SDJ3 UTC-SDJ3-S-D6 11/05/13	SDK1 UTC-SDK1-S-D12 11/05/13	SDK1 UTC-SDK1-S-D24 11/05/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0073	0.00088	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0073	0.0013	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0073	0.00057	< 0.0091	0.0015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	0.00027
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0029	0.00073	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0073	0.00023	< 0.0091	0.0029	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0029	0.001	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0029	0.0015	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
2-CHLOROTOLUENE	95-49-8	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
4-CHLOROTOLUENE	106-43-4	NG	< 0.0073	0.00061	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
BENZENE	71-43-2	0.53	< 0.00073	0.00054	0.001	< 0.0015	< 0.0014	< 0.00063	< 0.0058	< 0.00070	< 0.00055	< 0.00096	< 0.00070	0.00076
BROMOBENZENE	108-86-1	NG	< 0.0073	0.00067	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
BROMOFORM	75-25-2	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
BROMOMETHANE	74-83-9	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
CHLOROBENZENE	108-90-7	0.02	< 0.0029	0.0011	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
CHLOROETHANE	75-00-3	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
CHLOROFORM	67-66-3	0.000715	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
CHLOROMETHANE	74-87-3	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0029	< 0.0022	0.0015	0.0083	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
CYMENE	99-87-6	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
DIBROMOMETHANE	74-95-3	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
ETHYLBENZENE	100-41-4	0.43	< 0.0029	0.00037	< 0.0036	0.00067	0.00089	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0029	0.00092	0.00056	0.0013	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	0.00054
METHYLENE CHLORIDE	75-09-2	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
NAPHTHALENE	91-20-3	7.7	< 0.0073	0.0017	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
N-BUTYLBENZENE	104-51-8	NG	< 0.0073	0.00035	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
N-PROPYLBENZENE	103-65-1	NG	< 0.0073	0.00031	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
STYRENE	100-42-5	1.12	< 0.0073	0.0003	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0073	< 0.0056	< 0.0091	< 0.015	< 0.014	< 0.0063	< 0.058	< 0.0070	< 0.0055	< 0.0096	< 0.0070	< 0.0057
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
TOLUENE	108-88-3	0.93	< 0.0073	0.0011	0.002	0.0109	0.0228	< 0.0063	0.0394	0.00085	0.00093	0.00069	0.0012	0.00091
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0029	< 0.0022	< 0.0036	0.002	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0029	< 0.0022	< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023
VINYL CHLORIDE	75-01-4	0.56	< 0.0029		< 0.0036	< 0.0058	< 0.0055	< 0.0025	< 0.023	< 0.0028	< 0.0022	< 0.0038	< 0.0028	< 0.0023

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDK1 UTC-SDK1-S-D6 11/05/13	SDK2 UTC-SDK2-S-D12 11/05/13	SDK2 UTC-SDK2-S-D24 11/05/13	SDK2 UTC-SDK2-S-D6 11/05/13	SDS1 UTC-SDS1-S-D12 11/04/13	SDS1 UTC-SDS1-S-D24 11/04/13	SDS1 UTC-SDS1-S-D6 11/04/13	SDS2 UTC-SDS2-S-D12 11/04/13	SDS2 UTC-SDS2-S-D24 11/04/13	SDS2 UTC-SDS2-S-D6 11/04/13	SDS3 UTC-SDS3-S-D12 11/04/13	SDS3 UTC-SDS3-S-D24 11/04/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
2-CHLOROTOLUENE	95-49-8	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
4-CHLOROTOLUENE	106-43-4	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
BENZENE	71-43-2	0.53	< 0.0013	< 0.00052	< 0.00052	< 0.00064	< 0.00068	< 0.00050	< 0.00063	0.00037	0.00055	< 0.00073	0.00078	0.00097
BROMOBENZENE	108-86-1	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
BROMOCHLOROMETHANE	74-97-5	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
BROMOFORM	75-25-2	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
BROMOMETHANE	74-83-9	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
CHLOROBENZENE	108-90-7	0.02	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
CHLOROETHANE	75-00-3	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
CHLOROFORM	67-66-3	0.000715	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
CHLOROMETHANE	74-87-3	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
CYMENE	99-87-6	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
DIBROMOMETHANE	74-95-3	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
ETHYLBENZENE	100-41-4	0.43	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	0.00048	0.00045
METHYLENE CHLORIDE	75-09-2	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
NAPHTHALENE	91-20-3	7.7	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
N-BUTYLBENZENE	104-51-8	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
N-PROPYLBENZENE	103-65-1	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
SEC-BUTYLBENZENE	135-98-8	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
STYRENE	100-42-5	1.12	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
TERT-BUTYLBENZENE	98-06-6	NG	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	< 0.0064	< 0.0080	< 0.0073	< 0.0060	< 0.0065
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
TOLUENE	108-88-3	0.93	< 0.013	< 0.0052	< 0.0052	< 0.0064	< 0.0068	< 0.0050	< 0.0063	0.00046	< 0.0080	0.00042	0.00095	0.00094
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026
VINYL CHLORIDE	75-01-4	0.56	< 0.0051	< 0.0021	< 0.0021	< 0.0026	< 0.0027	< 0.0020	< 0.0025	< 0.0025	< 0.0032	< 0.0029	< 0.0024	< 0.0026

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDS3 UTC-SDS3-S-D6 11/04/13	SDS4 UTC-SDS4-S-D12 11/04/13	SDS4 UTC-SDS4-S-D24 11/04/13	SDS4 UTC-SDS4-S-D6 11/04/13	SDS5 UTC-SDS5-S-D12 11/04/13	SDS5 UTC-SDS5-S-D24 11/04/13	SDS5 UTC-SDS5-S-D6 11/04/13	SDS6 UTC-SDS6-S-D12 11/05/13	SDS6 UTC-SDS6-S-D24 11/05/13	SDS6 UTC-SDS6-S-D6 11/05/13	SDS7 UTC-SDS7-S-D12 11/05/13	SDS7 UTC-SDS7-S-D24 11/05/13
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
2-CHLOROTOLUENE	95-49-8	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
4-CHLOROTOLUENE	106-43-4	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
BENZENE	71-43-2	0.53	0.00075	< 0.00073	< 0.00055	< 0.0010	< 0.00084	< 0.00061	< 0.0011	< 0.00097	< 0.00075	< 0.00093	0.00086	0.00084
BROMOBENZENE	108-86-1	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
BROMOFORM	75-25-2	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
BROMOMETHANE	74-83-9	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
CHLOROBENZENE	108-90-7	0.02	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
CHLOROETHANE	75-00-3	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
CHLOROFORM	67-66-3	0.000715	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
CHLOROMETHANE	74-87-3	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
CYMENE	99-87-6	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
DIBROMOMETHANE	74-95-3	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
ETHYLBENZENE	100-41-4	0.43	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	0.0005	0.00043
METHYLENE CHLORIDE	75-09-2	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
NAPHTHALENE	91-20-3	7.7	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
N-BUTYLBENZENE	104-51-8	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
N-PROPYLBENZENE	103-65-1	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
STYRENE	100-42-5	1.12	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	< 0.011	< 0.0097	< 0.0075	< 0.0093	< 0.0052	< 0.0046
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	0.0017	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
TOLUENE	108-88-3	0.93	0.00072	< 0.0073	< 0.0055	< 0.01	< 0.0084	< 0.0061	0.00097	< 0.0097	< 0.0075	0.0011	0.0012	0.00084
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0029	< 0.0029	< 0.0022	0.0011	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018
VINYL CHLORIDE	75-01-4	0.56	< 0.0029	< 0.0029	< 0.0022	< 0.0041	< 0.0034	< 0.0024	< 0.0046	< 0.0039	< 0.0030	< 0.0037	< 0.0021	< 0.0018

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDS7 UTC-SDS7-S-D6 11/05/13	SDS8 UTC-SDS8-QD-D12 11/05/13	SDS8 UTC-SDS8-QD-D24 11/05/13	SDS8 UTC-SDS8-QD-D6 11/05/13	SDS8 UTC-SDS8-S-D12 11/05/13	SDS8 UTC-SDS8-S-D24 11/05/13	SDS8 UTC-SDS8-S-D6 11/05/13	SDS9 UTC-SDS9-S-D12 11/05/13	SDS9 UTC-SDS9-S-D24 11/05/13	SDS9 UTC-SDS9-S-D6 11/05/13	BG-SD-01 11/21/2014 0 - 0.5 ft	BG-SD-02 11/21/2014 0 - 0.5 ft
VOC's	cas_rn	NYSDEC SED - CLASS A												
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	0.00027	< 0.0066	< 0.0083	< 0.0072	0.00046	< 0.019 U	< 0.025 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.01 U
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	0.00048	< 0.0083	< 0.0072	0.00057	< 0.019 U	< 0.025 U
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
2-CHLOROTOLUENE	95-49-8	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
4-CHLOROTOLUENE	106-43-4	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
BENZENE	71-43-2	0.53	0.0013	0.0011	0.00091	0.00073	0.0014	0.0011	0.0007	0.00092	0.00094	0.0009	0.0023	0.0021
BROMOBENZENE	108-86-1	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.025 U
BROMOCHLOROMETHANE	74-97-5	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.025 U
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.01 U
BROMOFORM	75-25-2	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.01 U
BROMOMETHANE	74-83-9	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.01 U
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
CHLOROBENZENE	108-90-7	0.02	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
CHLOROETHANE	75-00-3	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
CHLOROFORM	67-66-3	0.000715	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
CHLOROMETHANE	74-87-3	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0031	< 0.0026	< 0.0022	0.00086	< 0.0032	< 0.0021	< 0.0026	0.0033	0.0011	0.0044	< 0.0078 U	< 0.0057 U
CYMENE	99-87-6	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	0.0104 J	< 0.014 U
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
DIBROMOMETHANE	74-95-3	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.025 U
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
ETHYLBENZENE	100-41-4	0.43	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	0.00071	0.00059	0.00048	0.00066	0.00098	0.0006	0.00044	0.00069	0.00049	0.0011	< 0.0078 U	< 0.0057 U
METHYLENE CHLORIDE	75-09-2	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
NAPHTHALENE	91-20-3	7.7	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
N-BUTYLBENZENE	104-51-8	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
N-PROPYLBENZENE	103-65-1	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
SEC-BUTYLBENZENE	135-98-8	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
STYRENE	100-42-5	1.12	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
TERT-BUTYLBENZENE	98-06-6	NG	< 0.0078	< 0.0066	< 0.0055	< 0.0058	< 0.0079	< 0.0053	< 0.0066	< 0.0083	< 0.0072	< 0.0070	< 0.019 U	< 0.014 U
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
TOLUENE	108-88-3	0.93	0.0017	0.0011	0.00098	0.0013	0.0018	0.0011	0.00078	0.0011	0.00096	0.0013	0.0019 J	0.0015 J
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0031	< 0.0026	< 0.0022	0.0017	< 0.0032	< 0.0021	0.0014	0.009	0.0024	0.015	< 0.0078 U	< 0.0057 U
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U
VINYL CHLORIDE	75-01-4	0.56	< 0.0031	< 0.0026	< 0.0022	< 0.0023	< 0.0032	< 0.0021	< 0.0026	< 0.0033	< 0.0029	< 0.0028	< 0.0078 U	< 0.0057 U

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 6
Screening of Sediment for VOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	BG-SD-03 11/21/2014 0 - 0.5 ft	BG-SD-04 11/21/2014 0 - 0.5 ft	BG-SD-05 11/21/2014 0 - 0.5 ft	BG-SD-06 11/21/2014 0 - 0.5 ft	BG-SD-07 11/21/2014 0 - 0.5 ft	BG-SD-08 11/21/2014 0 - 0.5 ft	BG-SD-09 11/21/2014 0 - 0.5 ft	BG-SD-10 11/21/2014 0 - 0.5 ft
VOC's	cas_rn	NYSDEC SED - CLASS A	Phase 2 Sampling: November 2014							
1,1,1,2-TETRACHLOROETHANE	630-20-6	9	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,1,1-TRICHLOROETHANE	71-55-6	0.06	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	2.8	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,1,2-TRICHLOROETHANE	79-00-5	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,1-DICHLOROETHANE	75-34-3	0.0541	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,1-DICHLOROETHENE	75-35-4	0.52	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,1-DICHLOROPROPENE	563-58-6	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,2,3-TRICHLOROBENZENE	87-61-6	0.23	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,2,3-TRICHLOROPROPANE	96-18-4	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,2,4-TRICHLOROBENZENE	120-82-1	35	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,2,4-TRIMETHYLBENZENE	95-63-6	NG	< 0.014 U	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	106-93-4	NG	< 0.0057 U	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,2-DICHLOROETHANE	107-06-2	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,2-DICHLOROPROPANE	78-87-5	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	108-67-8	0.0541	< 0.014 U	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U
1,3-DICHLOROBENZENE	541-73-1	<1.8	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
1,3-DICHLOROPROPANE	142-28-9	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
2,2-DICHLOROPROPANE	594-20-7	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
2-CHLOROTOLUENE	95-49-8	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
4-CHLOROTOLUENE	106-43-4	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
BENZENE	71-43-2	0.53	0.0013 J	0.0012	0.00083 J	< 0.0014 U	< 0.0010 U	< 0.0082 U	< 0.0034 U	< 0.0025 U
BROMOBENZENE	108-86-1	NG	< 0.014 U	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U
BROMOCHLOROMETHANE	74-97-5	NG	< 0.014 U	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U
BROMODICHLOROMETHANE	75-27-4	NG	< 0.0057 U	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U
BROMOFORM	75-25-2	NG	< 0.0057 U	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U
BROMOMETHANE	74-83-9	NG	< 0.0057 U	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U
CARBON TETRACHLORIDE	56-23-5	1.07	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
CHLOROBENZENE	108-90-7	0.02	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
CHLOROETHANE	75-00-3	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
CHLOROFORM	67-66-3	0.000715	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
CHLOROMETHANE	74-87-3	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
CIS-1,2-DICHLOROETHYLENE	156-59-2	0.79	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	0.0639	0.0217	< 0.01 U
CYMENE	99-87-6	NG	0.0166 J	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
DIBROMOCHLOROMETHANE	124-48-1	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
DIBROMOMETHANE	74-95-3	NG	< 0.014 U	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U
DICHLORODIFLUOROMETHANE	75-71-8	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
ETHYLBENZENE	100-41-4	0.43	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
HEXACHLOROBUTADIENE	87-68-3	1.2	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
ISOPROPYLBENZENE (CUMENE)	98-82-8	0.21	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
M,P-XYLENE (SUM OF ISOMERS)	XYLMP	0.48	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	0.0030 J	< 0.01 U
METHYLENE CHLORIDE	75-09-2	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
NAPHTHALENE	91-20-3	7.7	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
N-BUTYLBENZENE	104-51-8	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
N-PROPYLBENZENE	103-65-1	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
O-XYLENE (1,2-DIMETHYLBENZENE)	95-47-6	0.82	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
SEC-BUTYLBENZENE	135-98-8	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
STYRENE	100-42-5	1.12	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
TERT-BUTYLBENZENE	98-06-6	NG	< 0.017 U	< 0.0080 U	< 0.01 U	< 0.014 U	< 0.01 U	< 0.082 U	< 0.034 U	< 0.025 U
TERT-BUTYL METHYL ETHER	1634-04-4	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
TETRACHLOROETHYLENE(PCE)	127-18-4	16	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
TOLUENE	108-88-3	0.93	0.0021 J	0.00091 J	0.00080 J	0.0044 J	< 0.01 U	0.0123 J	0.0113 J	0.0049 J
TRANS-1,2-DICHLOROETHENE	156-60-5	1.2	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
TRICHLOROETHYLENE (TCE)	79-01-6	1.8	< 0.0066 U	< 0.0032 U	< 0.0040 U	0.0022 J	< 0.0040 U	0.0475	0.0250	< 0.01 U
TRICHLOROFLUOROMETHANE	75-69-4	NG	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U
VINYL CHLORIDE	75-01-4	0.56	< 0.0066 U	< 0.0032 U	< 0.0040 U	< 0.0054 U	< 0.0040 U	< 0.033 U	< 0.013 U	< 0.01 U

Criteria: NYSDEC SED - CLASS A
Detections are bolded.
Exceedances are bolded & highlighted
UTC developed screening values using equilibrium partitioning guidance assuming 2 percent TOC
NA - Not analyzed in Phase 2
NG = No sediment guidance value
U = Not detected at indicated reporting limit

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDA1 UTC-SDA1-S-D12 11/06/13	SDA1 UTC-SDA1-S-D24 11/06/13	SDA1 UTC-SDA1-S-D6 11/06/13	SDA2 UTC-SDA2-S-D12 11/06/13	SDA2 UTC-SDA2-S-D24 11/06/13	SDA2 UTC-SDA2-S-D6 11/06/13	SDA3 UTC-SDA3-S-24 11/07/13	SDA3 UTC-SDA3-S-D12 11/07/13	SDA3 UTC-SDA3-S-D6 11/07/13	SDA4 UTC-SDA4-S-D12 11/08/13	SDA4 UTC-SDA4-S-D24 11/08/13	SDA4 UTC-SDA4-S-D6 11/08/13	SDB1 UTC-SDB1-S-D12 11/06/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2,4-DINITROPHENOL	51-28-5	NG	< 1.2	< 1.2	< 1.4	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.3	< 1.5	< 1.4	< 8.2	< 1.3
2,4-DINITROTOLUENE	121-14-2	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2,6-DINITROTOLUENE	606-20-2	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
2-CHLOROPHENOL	95-57-8	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.15	< 0.14	< 0.82	< 0.13
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2-NITROANILINE	88-74-4	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
2-NITROPHENOL	88-75-5	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
3-NITROANILINE	99-09-2	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
4-CHLOROANILINE	106-47-8	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
4-NITROANILINE	100-01-6	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
4-NITROPHENOL	100-02-7	NG	< 1.2	< 1.2	< 1.4	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.3	< 1.5	< 1.4	< 8.2	< 1.3
ACENAPHTHENE	83-32-9	9.82	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.15	< 0.14	< 0.82	< 0.13
ACENAPHTHYLENE	208-96-8	9.04	< 0.12	< 0.12	0.0369	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.15	< 0.14	0.292	< 0.13
ANTHRACENE	120-12-7	11.88	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	0.0464	< 0.14	0.258	< 0.13
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.12	< 0.12	0.0873	< 0.12	< 0.13	< 0.12	< 0.12	0.0193	< 0.13	0.164	< 0.14	0.584	< 0.13
BENZO(A)PYRENE	50-32-8	19.28	< 0.12	< 0.12	0.183	0.0899	0.0989	0.0918	< 0.12	< 0.13	< 0.13	0.158	< 0.14	0.657	0.0887
BENZO(B)FLUORANTHENE	205-99-2	19.58	< 0.12	< 0.12	0.161	0.0712	0.0819	0.0719	< 0.12	< 0.13	< 0.13	0.154	< 0.14	0.736	0.0709
BENZO(G,H,I)PERYLENE	191-24-2	21.9	< 0.12	< 0.12	0.164	0.0653	0.0715	0.0667	< 0.12	< 0.13	< 0.13	0.109	< 0.14	0.623	0.0623
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.12	< 0.12	0.105	< 0.12	0.0265	0.0299	< 0.12	< 0.13	< 0.13	0.128	< 0.14	0.557	< 0.13
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 0.3	0.0301	< 0.35	< 0.31	0.0497	< 0.3	< 0.3	0.0165	< 0.33	0.0632	< 0.35	0.103	< 0.32
CARBAZOLE	86-74-8	NG	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	0.0269	< 0.14	< 0.82	< 0.13
CHRYSENE	218-01-9	16.86	< 0.12	< 0.12	0.101	< 0.12	< 0.13	< 0.12	< 0.12	0.0187	0.0167	0.184	< 0.14	0.786	< 0.13
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.12	< 0.12	0.118	0.0844	0.088	< 0.12	< 0.12	< 0.13	< 0.13	0.033	< 0.14	0.168	< 0.13
DIBENZOFURAN	132-64-9	0.831	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.15	< 0.14	< 0.82	< 0.13
DIETHYL PHTHALATE	84-66-2	1.21	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
DIMETHYL PHTHALATE	131-11-3	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	0.0551	< 2.1	< 0.32
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
FLUORANTHENE	206-44-0	14.16	< 0.12	< 0.12	0.163	< 0.12	< 0.13	< 0.12	< 0.12	0.0357	0.0337	0.335	< 0.14	1.11	< 0.13
FLUORENE	86-73-7	10.78	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.15	< 0.14	< 0.82	< 0.13
HEXACHLOROBENZENE	118-74-1	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
HEXACHLOROETHANE	67-72-1	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.12	< 0.12	0.162	0.0801	0.0882	0.0804	< 0.12	< 0.13	< 0.13	0.0972	< 0.14	0.535	0.0795
ISOPHORONE	78-59-1	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
NAPHTHALENE	91-20-3	7.7	< 0.12	< 0.12	< 0.14	< 0.12	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.15	< 0.14	< 0.82	< 0.13
NITROBENZENE	98-95-3	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	0.0224	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
PENTACHLOROPHENOL	87-86-5	14	< 0.61	< 0.58	< 0.7	< 0.62	< 0.64	< 0.61	< 0.6	< 0.63	< 0.65	< 0.73	< 0.71	< 4.1	< 0.64
PHENANTHRENE	85-01-8	11.94	< 0.12	< 0.12	0.0688	< 0.12	< 0.13	< 0.12	< 0.12	0.0258	0.0202	0.193	< 0.14	0.663	< 0.13
PHENOL	108-95-2	NG	< 0.3	< 0.29	< 0.35	< 0.31	< 0.32	< 0.3	< 0.3	< 0.32	< 0.33	< 0.36	< 0.35	< 2.1	< 0.32
PYRENE	129-00-0	13.96	< 0.12	< 0.12	0.156	< 0.12	< 0.13	< 0.12	< 0.12	0.0353	0.027	0.295	< 0.14	1.02	< 0.13

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDB1 UTC-SDB1-S-D24 11/06/13	SDB1 UTC-SDB1-S-D6 11/06/13	SDB2 UTC-SDB2-QD-D6 11/07/13	SDB2 UTC-SDB2-S-D12 11/07/13	SDB2 UTC-SDB2-S-D24 11/07/13	SDB2 UTC-SDB2-S-D6 11/07/13	SDB4 UTC-SDB4-S-D12 11/07/13	SDB4 UTC-SDB4-S-D24 11/07/13	SDB4 UTC-SDB4-S-D6 11/07/13	SDC1 UTC-SDC1-S-D12 11/06/13	SDC1 UTC-SDC1-S-D24 11/06/13	SDC1 UTC-SDC1-S-D6 11/06/13	SDC2 UTC-SDC2-S-D12 11/06/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2,4-DINITROPHENOL	51-28-5	NG	< 1.2	< 1.5	< 1.6	< 1.4	< 1.3	< 1.5	< 1.4	< 1.3	< 1.6	< 1.4	< 1.4	< 1.7	< 1.2
2,4-DINITROTOLUENE	121-14-2	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2,6-DINITROTOLUENE	606-20-2	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
2-CHLOROPHENOL	95-57-8	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2-NITROANILINE	88-74-4	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
2-NITROPHENOL	88-75-5	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
3-NITROANILINE	99-09-2	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
4-CHLOROANILINE	106-47-8	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	0.053	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
4-NITROANILINE	100-01-6	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
4-NITROPHENOL	100-02-7	NG	< 1.2	< 1.5	< 1.6	< 1.4	< 1.3	< 1.5	< 1.4	< 1.3	< 1.6	< 1.4	< 1.4	< 1.7	< 1.2
ACENAPHTHENE	83-32-9	9.82	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
ACENAPHTHYLENE	208-96-8	9.04	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
ANTHRACENE	120-12-7	11.88	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.12	0.0389	0.0553	< 0.14	< 0.13	0.0542	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	0.0753	< 0.12
BENZO(A)PYRENE	50-32-8	19.28	0.0821	0.127	0.0539	< 0.14	< 0.13	0.0615	< 0.14	< 0.13	0.0395	< 0.14	< 0.14	0.184	< 0.12
BENZO(B)FLUORANTHENE	205-99-2	19.58	< 0.12	0.113	0.0647	< 0.14	< 0.13	0.0564	< 0.14	< 0.13	0.0488	< 0.14	< 0.14	0.165	< 0.12
BENZO(G,H,I)PERYLENE	191-24-2	21.9	0.057	0.0928	< 0.16	< 0.14	< 0.13	0.0514	< 0.14	< 0.13	0.0251	< 0.14	< 0.14	0.132	< 0.12
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.12	0.0422	0.032	< 0.14	< 0.13	0.0514	< 0.14	< 0.13	0.0303	< 0.14	< 0.14	0.0855	< 0.12
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 0.31	< 0.38	0.133	< 0.35	< 0.32	0.0865	< 0.35	< 0.31	< 0.4	0.0182	< 0.34	0.0486	< 0.31
CARBAZOLE	86-74-8	NG	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
CHRYSENE	218-01-9	16.86	< 0.12	0.0416	0.0503	< 0.14	< 0.13	0.0686	< 0.14	< 0.13	0.053	< 0.14	< 0.14	0.0952	< 0.12
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.12	0.107	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	0.131	< 0.12
DIBENZOFURAN	132-64-9	0.831	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
DIETHYL PHTHALATE	84-66-2	1.21	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
DIMETHYL PHTHALATE	131-11-3	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.31	< 0.38	< 0.39	0.0674	0.058	0.111	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
FLUORANTHENE	206-44-0	14.16	< 0.12	0.0758	0.0979	0.0405	< 0.13	0.133	0.0339	< 0.13	0.0814	0.0308	< 0.14	0.172	< 0.12
FLUORENE	86-73-7	10.78	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
HEXACHLOROBENZENE	118-74-1	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
HEXACHLOROETHANE	67-72-1	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	0.0748	0.111	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	0.146	< 0.12
ISOPHORONE	78-59-1	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
NAPHTHALENE	91-20-3	7.7	< 0.12	< 0.15	< 0.16	< 0.14	< 0.13	< 0.15	< 0.14	< 0.13	< 0.16	< 0.14	< 0.14	< 0.17	< 0.12
NITROBENZENE	98-95-3	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
PENTACHLOROPHENOL	87-86-5	14	< 0.62	< 0.76	< 0.79	< 0.7	< 0.64	< 0.77	< 0.71	< 0.63	< 0.8	< 0.72	< 0.69	< 0.83	< 0.61
PHENANTHRENE	85-01-8	11.94	< 0.12	0.0384	0.0629	< 0.14	< 0.13	0.0773	< 0.14	< 0.13	0.0488	0.0194	< 0.14	0.0808	< 0.12
PHENOL	108-95-2	NG	< 0.31	< 0.38	< 0.39	< 0.35	< 0.32	< 0.39	< 0.35	< 0.31	< 0.4	< 0.36	< 0.34	< 0.42	< 0.31
PYRENE	129-00-0	13.96	< 0.12	0.0641	0.0876	< 0.14	< 0.13	0.116	0.0247	< 0.13	0.0695	0.0201	< 0.14	0.139	< 0.12

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDC2 UTC-SDC2-S-D24 11/06/13	SDC2 UTC-SDC2-S-D6 11/06/13	SDC3 UTC-SDC3-S-D12 11/06/13	SDC3 UTC-SDC3-S-D24 11/06/13	SDC3 UTC-SDC3-S-D6 11/06/13	SDC4 UTC-SDC4-S-D12 11/08/13	SDC4 UTC-SDC4-S-D24 11/08/13	SDC4 UTC-SDC4-S-D6 11/08/13	SDC5 UTC-SDC5-S-D12 11/07/13	SDC5 UTC-SDC5-S-D24 11/07/13	SDC5 UTC-SDC5-S-D6 11/07/13	SDD1 UTC-SDD1-S-D12 11/06/13	SDD1 UTC-SDD1-S-D24 11/06/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2,4-DINITROPHENOL	51-28-5	NG	< 1.2	< 1.4	< 1.2	< 1.2	< 1.3	< 1.3	< 1.3	< 1.6	< 1.5	< 1.2	< 1.7	< 1.3	< 1.2
2,4-DINITROTOLUENE	121-14-2	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2,6-DINITROTOLUENE	606-20-2	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
2-CHLOROPHENOL	95-57-8	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2-NITROANILINE	88-74-4	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
2-NITROPHENOL	88-75-5	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
3-NITROANILINE	99-09-2	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
4-CHLOROANILINE	106-47-8	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
4-NITROANILINE	100-01-6	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
4-NITROPHENOL	100-02-7	NG	< 1.2	< 1.4	< 1.2	< 1.2	< 1.3	< 1.3	< 1.3	< 1.6	< 1.5	< 1.2	< 1.7	< 1.3	< 1.2
ACENAPHTHENE	83-32-9	9.82	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
ACENAPHTHYLENE	208-96-8	9.04	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
ANTHRACENE	120-12-7	11.88	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.12	0.027	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	0.0351	0.0235	< 0.12	0.0505	< 0.13	< 0.12
BENZO(A)PYRENE	50-32-8	19.28	< 0.12	0.031	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	0.0411	< 0.13	< 0.12
BENZO(B)FLUORANTHENE	205-99-2	19.58	< 0.12	0.0334	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	0.0466	< 0.13	< 0.12
BENZO(G,H,I)PERYLENE	191-24-2	21.9	< 0.12	0.0155	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	0.0291	< 0.13	< 0.12
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.12	0.0309	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	0.0425	< 0.13	< 0.12
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	0.0175	0.0333	< 0.29	< 0.29	< 0.32	0.042	< 0.33	0.0381	< 0.38	< 0.3	0.0391	< 0.32	< 0.3
CARBAZOLE	86-74-8	NG	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
CHRYSENE	218-01-9	16.86	< 0.12	0.0304	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	0.041	0.0254	< 0.12	0.0563	< 0.13	< 0.12
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
DIBENZOFURAN	132-64-9	0.831	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
DIETHYL PHTHALATE	84-66-2	1.21	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
DIMETHYL PHTHALATE	131-11-3	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	0.0628	< 0.33	0.0735	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
FLUORANTHENE	206-44-0	14.16	< 0.12	0.0602	< 0.12	< 0.12	0.033	< 0.13	< 0.13	0.0748	0.0566	< 0.12	0.114	< 0.13	< 0.12
FLUORENE	86-73-7	10.78	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
HEXACHLOROBENZENE	118-74-1	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
HEXACHLOROETHANE	67-72-1	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.12	0.0227	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	0.0341	< 0.13	< 0.12
ISOPHORONE	78-59-1	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
NAPHTHALENE	91-20-3	7.7	< 0.12	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.16	< 0.15	< 0.12	< 0.17	< 0.13	< 0.12
NITROBENZENE	98-95-3	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
PENTACHLOROPHENOL	87-86-5	14	< 0.59	< 0.72	< 0.59	< 0.59	< 0.64	< 0.66	< 0.65	< 0.8	< 0.76	< 0.61	< 0.85	< 0.64	< 0.6
PHENANTHRENE	85-01-8	11.94	< 0.12	0.0392	< 0.12	< 0.12	0.0186	< 0.13	< 0.13	0.0445	0.0268	< 0.12	0.0555	< 0.13	< 0.12
PHENOL	108-95-2	NG	< 0.3	< 0.36	< 0.29	< 0.29	< 0.32	< 0.33	< 0.33	< 0.4	< 0.38	< 0.3	< 0.42	< 0.32	< 0.3
PYRENE	129-00-0	13.96	< 0.12	0.0516	< 0.12	< 0.12	0.0301	< 0.13	< 0.13	0.0671	0.0413	< 0.12	0.0913	< 0.13	< 0.12

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDD1 UTC-SDD1-S-D6 11/06/13	SDD2 UTC-SDD2-S-D12 11/07/13	SDD2 UTC-SDD2-S-D24 11/07/13	SDD2 UTC-SDD2-S-D6 11/07/13	SDD3 UTC-SDD3-S-D12 11/08/13	SDD3 UTC-SDD3-S-D24 11/08/13	SDD3 UTC-SDD3-S-D6 11/08/13	SDE1 UTC-SDE1-S-D12 11/06/13	SDE1 UTC-SDE1-S-D24 11/06/13	SDE1 UTC-SDE1-S-D6 11/06/13	SDE2 UTC-SDE2-S-D12 11/06/13	SDE2 UTC-SDE2-S-D24 11/06/13	SDE2 UTC-SDE2-S-D6 11/06/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2,4-DINITROPHENOL	51-28-5	NG	< 1.5	< 1.3	< 1.4	< 1.4	< 1.2	< 1.2	< 1.3	< 1.3	< 1.2	< 1.5	< 1.3	< 1.2	< 1.5
2,4-DINITROTOLUENE	121-14-2	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2,6-DINITROTOLUENE	606-20-2	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
2-CHLOROPHENOL	95-57-8	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2-NITROANILINE	88-74-4	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
2-NITROPHENOL	88-75-5	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
3-NITROANILINE	99-09-2	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	0.103	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
4-CHLOROANILINE	106-47-8	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
4-NITROANILINE	100-01-6	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
4-NITROPHENOL	100-02-7	NG	< 1.5	< 1.3	< 1.4	< 1.4	< 1.2	< 1.2	< 1.3	< 1.3	< 1.2	< 1.5	< 1.3	< 1.2	< 1.5
ACENAPHTHENE	83-32-9	9.82	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
ACENAPHTHYLENE	208-96-8	9.04	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
ANTHRACENE	120-12-7	11.88	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
BENZO(A)ANTHRACENE	56-55-3	16.82	0.0738	< 0.13	< 0.14	0.0496	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.0476	< 0.13	< 0.12	< 0.15
BENZO(A)PYRENE	50-32-8	19.28	0.0703	< 0.13	< 0.14	0.0516	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.045	< 0.13	< 0.12	< 0.15
BENZO(B)FLUORANTHENE	205-99-2	19.58	0.0709	< 0.13	< 0.14	0.0492	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.0465	< 0.13	< 0.12	< 0.15
BENZO(G,H,I)PERYLENE	191-24-2	21.9	0.0499	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.0291	< 0.13	< 0.12	< 0.15
BENZO(K)FLUORANTHENE	207-08-9	19.6	0.0668	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.0467	< 0.13	< 0.12	< 0.15
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	0.0407	< 0.31	< 0.34	0.0597	< 0.31	< 0.31	< 0.33	0.0165	0.0276	0.0462	0.0468	0.0715	0.0558
CARBAZOLE	86-74-8	NG	0.0199	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
CHRYSENE	218-01-9	16.86	0.0942	< 0.13	< 0.14	0.057	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.0619	< 0.13	< 0.12	0.0299
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
DIBENZOFURAN	132-64-9	0.831	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
DIETHYL PHTHALATE	84-66-2	1.21	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	0.191	0.0174	< 0.3	0.0199
DIMETHYL PHTHALATE	131-11-3	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	0.0362	< 0.33	< 0.32	< 0.29	0.0457	< 0.33	< 0.3	< 0.38
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
FLUORANTHENE	206-44-0	14.16	0.165	< 0.13	< 0.14	0.0966	< 0.12	< 0.12	0.0515	< 0.13	0.0178	0.119	0.0456	< 0.12	0.0572
FLUORENE	86-73-7	10.78	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
HEXACHLOROBENZENE	118-74-1	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
HEXACHLOROETHANE	67-72-1	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	0.0451	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.0271	< 0.13	< 0.12	< 0.15
ISOPHORONE	78-59-1	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
NAPHTHALENE	91-20-3	7.7	< 0.15	< 0.13	< 0.14	< 0.14	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	< 0.15	< 0.13	< 0.12	< 0.15
NITROBENZENE	98-95-3	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
PENTACHLOROPHENOL	87-86-5	14	< 0.77	< 0.63	< 0.68	< 0.71	< 0.61	< 0.61	< 0.67	< 0.63	< 0.58	< 0.75	< 0.66	< 0.6	< 0.75
PHENANTHRENE	85-01-8	11.94	0.0935	< 0.13	< 0.14	0.0586	< 0.12	< 0.12	< 0.13	< 0.13	< 0.12	0.068	0.0294	< 0.12	0.037
PHENOL	108-95-2	NG	< 0.38	< 0.31	< 0.34	< 0.36	< 0.31	< 0.31	< 0.33	< 0.32	< 0.29	< 0.37	< 0.33	< 0.3	< 0.38
PYRENE	129-00-0	13.96	0.135	< 0.13	< 0.14	0.0869	< 0.12	< 0.12	0.0431	< 0.13	< 0.12	0.0988	0.0355	< 0.12	0.0449

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDE3 UTC-SDE3-S-D12 11/08/13	SDE3 UTC-SDE3-S-D24 11/08/13	SDE3 UTC-SDE3-S-D6 11/08/13	SDE4 UTC-SDE4-S-D12 11/08/13	SDE4 UTC-SDE4-S-D24 11/08/13	SDE4 UTC-SDE4-S-D6 11/08/13	SDF1 UTC-SDF1-S-D12 11/04/13	SDF1 UTC-SDF1-S-D24 11/04/13	SDF1 UTC-SDF1-S-D6 11/04/13	SDF2 UTC-SDF2-S-D12 11/07/13	SDF2 UTC-SDF2-S-D24 11/07/13	SDF2 UTC-SDF2-S-D6 11/07/13	SDF3 UTC-SDF3-S-D12 11/08/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2,4-DINITROPHENOL	51-28-5	NG	< 1.3	< 1.2	< 1.4	< 1.7	< 1.9	< 1.5	< 1.2	< 1.3	< 6.7	< 1.4	< 1.2	< 1.5	< 1.2
2,4-DINITROTOLUENE	121-14-2	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2,6-DINITROTOLUENE	606-20-2	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
2-CHLOROPHENOL	95-57-8	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.13	< 0.12	< 0.14	0.0344	0.04	0.0827	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2-NITROANILINE	88-74-4	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
2-NITROPHENOL	88-75-5	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
3-NITROANILINE	99-09-2	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
4-CHLOROANILINE	106-47-8	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
4-NITROANILINE	100-01-6	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
4-NITROPHENOL	100-02-7	NG	< 1.3	< 1.2	< 1.4	< 1.7	< 1.9	< 1.5	< 1.2	< 1.3	< 6.7	< 1.4	< 1.2	< 1.5	< 1.2
ACENAPHTHENE	83-32-9	9.82	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	< 0.15	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
ACENAPHTHYLENE	208-96-8	9.04	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	0.0156	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
ANTHRACENE	120-12-7	11.88	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	0.0193	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.13	< 0.12	0.03	0.0727	0.0697	0.0804	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.0588	< 0.12
BENZO(A)PYRENE	50-32-8	19.28	< 0.13	< 0.12	< 0.14	0.0618	0.057	0.0748	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.064	< 0.12
BENZO(B)FLUORANTHENE	205-99-2	19.58	< 0.13	< 0.12	< 0.14	0.0646	0.0642	0.0623	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.0742	< 0.12
BENZO(G,H,I)PERYLENE	191-24-2	21.9	< 0.13	< 0.12	< 0.14	0.0468	0.0464	0.0531	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.0398	< 0.12
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.13	< 0.12	< 0.14	0.0555	0.0462	0.0723	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.0469	< 0.12
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 0.32	< 0.31	< 0.35	0.0486	0.0428	0.0487	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	0.0585	< 0.31
CARBAZOLE	86-74-8	NG	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	0.0188	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
CHRYSENE	218-01-9	16.86	< 0.13	< 0.12	0.0394	0.0823	0.0813	0.0967	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.0736	< 0.12
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	< 0.15	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
DIBENZOFURAN	132-64-9	0.831	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	0.0275	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
DIETHYL PHTHALATE	84-66-2	1.21	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
DIMETHYL PHTHALATE	131-11-3	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
FLUORANTHENE	206-44-0	14.16	0.0481	< 0.12	0.0737	0.144	0.128	0.178	< 0.12	< 0.13	< 0.67	0.0346	< 0.12	0.152	< 0.12
FLUORENE	86-73-7	10.78	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	< 0.15	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
HEXACHLOROBENZENE	118-74-1	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
HEXACHLOROETHANE	67-72-1	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.13	< 0.12	< 0.14	0.0401	0.0366	0.0474	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.0404	< 0.12
ISOPHORONE	78-59-1	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
NAPHTHALENE	91-20-3	7.7	< 0.13	< 0.12	< 0.14	< 0.17	< 0.19	0.0457	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	< 0.15	< 0.12
NITROBENZENE	98-95-3	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
PENTACHLOROPHENOL	87-86-5	14	< 0.63	< 0.61	< 0.71	< 0.86	< 0.94	< 0.76	< 0.59	< 0.66	< 3.4	< 0.7	< 0.59	< 0.73	< 0.62
PHENANTHRENE	85-01-8	11.94	< 0.13	< 0.12	0.0466	0.0871	0.0908	0.143	< 0.12	< 0.13	< 0.67	0.0242	< 0.12	0.0874	< 0.12
PHENOL	108-95-2	NG	< 0.32	< 0.31	< 0.35	< 0.43	< 0.47	< 0.38	< 0.3	< 0.33	< 1.7	< 0.35	< 0.3	< 0.37	< 0.31
PYRENE	129-00-0	13.96	0.0411	< 0.12	0.0665	0.122	0.115	0.154	< 0.12	< 0.13	< 0.67	< 0.14	< 0.12	0.115	< 0.12

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDF3 UTC-SDF3-S-D24 11/08/13	SDF3 UTC-SDF3-S-D6 11/08/13	SDF4 UTC-SDF4-S-D12 11/08/13	SDF4 UTC-SDF4-S-D24 11/08/13	SDF4 UTC-SDF4-S-D6 11/08/13	SDG1 UTC-SDG1-S-D12 11/06/13	SDG1 UTC-SDG1-S-D24 11/06/13	SDG1 UTC-SDG1-S-D6 11/06/13	SDG2 UTC-SDG2-S-D12 11/07/13	SDG2 UTC-SDG2-S-D24 11/07/13	SDG2 UTC-SDG2-S-D6 11/07/13	SDH1 UTC-SDH1-S-D12 11/06/13	SDH1 UTC-SDH1-S-D24 11/06/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2,4-DINITROPHENOL	51-28-5	NG	< 1.4	< 1.4	< 1.3	< 1.2	< 1.6	< 1.2	< 1.2	< 1.4	< 1.4	< 1.2	< 1.4	< 1.3	< 1.2
2,4-DINITROTOLUENE	121-14-2	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2,6-DINITROTOLUENE	606-20-2	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
2-CHLOROPHENOL	95-57-8	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2-NITROANILINE	88-74-4	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
2-NITROPHENOL	88-75-5	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
3-NITROANILINE	99-09-2	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
4-CHLOROANILINE	106-47-8	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
4-NITROANILINE	100-01-6	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
4-NITROPHENOL	100-02-7	NG	< 1.4	< 1.4	< 1.3	< 1.2	< 1.6	< 1.2	< 1.2	< 1.4	< 1.4	< 1.2	< 1.4	< 1.3	< 1.2
ACENAPHTHENE	83-32-9	9.82	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
ACENAPHTHYLENE	208-96-8	9.04	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
ANTHRACENE	120-12-7	11.88	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.14	0.0341	< 0.13	< 0.12	0.0835	< 0.12	< 0.12	0.0265	< 0.14	< 0.12	0.0376	< 0.13	< 0.12
BENZO(A)PYRENE	50-32-8	19.28	< 0.14	0.0296	< 0.13	< 0.12	0.0751	0.0859	< 0.12	0.113	< 0.14	< 0.12	0.0409	0.0866	< 0.12
BENZO(B)FLUORANTHENE	205-99-2	19.58	< 0.14	0.0279	< 0.13	< 0.12	0.0661	0.0667	< 0.12	0.0879	< 0.14	< 0.12	0.0524	0.0644	< 0.12
BENZO(G,H,I)PERYLENE	191-24-2	21.9	< 0.14	0.0178	< 0.13	< 0.12	0.0506	0.0609	< 0.12	0.0803	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.14	0.0234	< 0.13	< 0.12	0.0732	< 0.12	< 0.12	0.0383	< 0.14	< 0.12	0.0266	< 0.13	< 0.12
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.36	0.0147	< 0.32	0.0131	0.0213	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 0.36	0.0246	0.0161	< 0.31	0.0329	< 0.31	0.0225	0.145	0.0352	< 0.3	< 0.36	< 0.32	< 0.3
CARBAZOLE	86-74-8	NG	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
CHRYSENE	218-01-9	16.86	< 0.14	0.035	< 0.13	< 0.12	0.0909	< 0.12	< 0.12	0.0277	< 0.14	< 0.12	0.0459	< 0.13	< 0.12
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	0.0863	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
DIBENZOFURAN	132-64-9	0.831	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
DIETHYL PHTHALATE	84-66-2	1.21	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
DIMETHYL PHTHALATE	131-11-3	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	0.0462	0.0316	0.0405	< 0.32	< 0.3
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
FLUORANTHENE	206-44-0	14.16	0.0214	0.0661	< 0.13	< 0.12	0.171	< 0.12	< 0.12	0.054	0.0394	< 0.12	0.0989	< 0.13	< 0.12
FLUORENE	86-73-7	10.78	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
HEXACHLOROBENZENE	118-74-1	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
HEXACHLOROETHANE	67-72-1	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.14	0.0175	< 0.13	< 0.12	0.0474	0.0781	< 0.12	0.101	< 0.14	< 0.12	< 0.14	0.078	< 0.12
ISOPHORONE	78-59-1	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
NAPHTHALENE	91-20-3	7.7	< 0.14	< 0.14	< 0.13	< 0.12	< 0.16	< 0.12	< 0.12	< 0.14	< 0.14	< 0.12	< 0.14	< 0.13	< 0.12
NITROBENZENE	98-95-3	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
PENTACHLOROPHENOL	87-86-5	14	< 0.71	< 0.68	< 0.64	< 0.62	< 0.81	< 0.62	< 0.62	< 0.72	< 0.7	< 0.59	< 0.71	< 0.64	< 0.6
PHENANTHRENE	85-01-8	11.94	< 0.14	0.0385	< 0.13	< 0.12	0.0928	< 0.12	< 0.12	0.0338	< 0.14	< 0.12	0.0589	< 0.13	< 0.12
PHENOL	108-95-2	NG	< 0.36	< 0.34	< 0.32	< 0.31	< 0.41	< 0.31	< 0.31	< 0.36	< 0.35	< 0.3	< 0.36	< 0.32	< 0.3
PYRENE	129-00-0	13.96	0.019	0.0583	< 0.13	< 0.12	0.147	< 0.12	< 0.12	0.0421	< 0.14	< 0.12	0.084	< 0.13	< 0.12

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDH1 UTC-SDH1-S-D6 11/06/13	SDI1 UTC-SDI1-QD-D12 11/06/13	SDH2 UTC-SDH2-S-D12 11/07/13	SDH2 UTC-SDH2-S-D24 11/07/13	SDH2 UTC-SDH2-S-D6 11/07/13	SDH3 UTC-SDH3-S-D12 11/07/13	SDH3 UTC-SDH3-S-D24 11/07/13	SDH3 UTC-SDH3-S-D6 11/07/13	SDI1 UTC-SDI1-QD-D24 11/06/13	SDI1 UTC-SDI1-QD-D6 11/06/13	SDI1 UTC-SDI1-S-D12 11/06/13	SDI1 UTC-SDI1-S-D24 11/06/13	SDI1 UTC-SDI1-S-D6 11/06/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2,4-DICHLOROPHENOL	120-83-2	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2,4-DIMETHYLPHENOL	105-67-9	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2,4-DINITROPHENOL	51-28-5	NG	< 3.5	< 1.3	< 1.3	< 1.3	< 1.5	< 1.4	< 1.3	< 2.9	< 1.3	< 1.5	< 1.3	< 1.3	< 1.5
2,4-DINITROTOLUENE	121-14-2	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2,6-DINITROTOLUENE	606-20-2	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
2-CHLOROPHENOL	95-57-8	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2-NITROANILINE	88-74-4	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
2-NITROPHENOL	88-75-5	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
3-NITROANILINE	99-09-2	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
4-CHLOROANILINE	106-47-8	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	0.106	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
4-NITROANILINE	100-01-6	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
4-NITROPHENOL	100-02-7	NG	< 3.5	< 1.3	< 1.3	< 1.3	< 1.5	< 1.4	< 1.3	< 2.9	< 1.3	< 1.5	< 1.3	< 1.3	< 1.5
ACENAPHTHENE	83-32-9	9.82	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
ACENAPHTHYLENE	208-96-8	9.04	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
ANTHRACENE	120-12-7	11.88	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
BENZO(A)ANTHRACENE	56-55-3	16.82	0.168	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
BENZO(A)PYRENE	50-32-8	19.28	0.37	0.0849	< 0.13	< 0.13	0.0404	0.0172	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
BENZO(B)FLUORANTHENE	205-99-2	19.58	0.33	0.0649	< 0.13	< 0.13	0.0382	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
BENZO(G,H,I)PERYLENE	191-24-2	21.9	0.275	0.0603	< 0.13	< 0.13	< 0.15	0.0154	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
BENZO(K)FLUORANTHENE	207-08-9	19.6	0.173	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	0.0229	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	0.0925	< 0.32	< 0.33	< 0.32	< 0.38	0.0227	< 0.31	0.0512	< 0.32	0.0154	0.0135	0.0137	0.0227
CARBAZOLE	86-74-8	NG	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
CHRYSENE	218-01-9	16.86	0.179	< 0.13	< 0.13	< 0.13	0.0474	0.019	< 0.13	0.0408	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	0.268	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
DIBENZOFURAN	132-64-9	0.831	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
DIETHYL PHTHALATE	84-66-2	1.21	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
DIMETHYL PHTHALATE	131-11-3	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
FLUORANTHENE	206-44-0	14.16	0.34	< 0.13	< 0.13	< 0.13	0.0829	0.0372	< 0.13	0.0612	< 0.13	< 0.15	< 0.13	< 0.13	0.0326
FLUORENE	86-73-7	10.78	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
HEXACHLOROBENZENE	118-74-1	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
HEXACHLOROETHANE	67-72-1	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	0.319	0.0794	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
ISOPHORONE	78-59-1	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
NAPHTHALENE	91-20-3	7.7	< 0.35	< 0.13	< 0.13	< 0.13	< 0.15	< 0.14	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	< 0.15
NITROBENZENE	98-95-3	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
PENTACHLOROPHENOL	87-86-5	14	< 1.7	< 0.65	< 0.66	< 0.64	< 0.77	< 0.69	< 0.63	< 1.4	< 0.63	< 0.74	< 0.67	< 0.65	< 0.75
PHENANTHRENE	85-01-8	11.94	0.163	< 0.13	< 0.13	< 0.13	0.0512	0.0288	< 0.13	< 0.29	< 0.13	< 0.15	< 0.13	< 0.13	0.0217
PHENOL	108-95-2	NG	< 0.87	< 0.32	< 0.33	< 0.32	< 0.38	< 0.35	< 0.31	< 0.72	< 0.32	< 0.37	< 0.33	< 0.32	< 0.37
PYRENE	129-00-0	13.96	0.305	< 0.13	< 0.13	< 0.13	0.0802	0.0331	< 0.13	0.0555	< 0.13	< 0.15	< 0.13	< 0.13	0.0262

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDI2 UTC-SDI2-S-D12 11/07/13	SDI2 UTC-SDI2-S-D24 11/07/13	SDI2 UTC-SDI2-S-D6 11/07/13	SDI3 UTC-SDI3-S-D12 11/05/13	SDI3 UTC-SDI3-S-D24 11/05/13	SDI3 UTC-SDI3-S-D6 11/05/13	SDJ1 UTC-SDJ1-S-D12 11/06/13	SDJ1 UTC-SDJ1-S-D24 11/06/13	SDJ1 UTC-SDJ1-S-D6 11/06/13	SDJ2 UTC-SDJ2-S-D12 11/07/13	SDJ2 UTC-SDJ2-S-D24 11/07/13	SDJ2 UTC-SDJ2-S-D6 11/07/13	SDJ3 UTC-SDJ3-S-D12 11/05/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
1,2-DICHLOROBENZENE	95-50-1	0.28	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
1,3-DICHLOROBENZENE	541-73-1	1.8	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
1,4-DICHLOROBENZENE	106-46-7	0.72	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2,4-DICHLOROPHENOL	120-83-2	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2,4-DIMETHYLPHENOL	105-67-9	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2,4-DINITROPHENOL	51-28-5	NG	< 4.3	< 2	< 9.7	< 1.4	< 1.3	< 1.7	< 1.2	< 1.3	< 3	< 2	< 1.5	< 7.5	< 1.5
2,4-DINITROTOLUENE	121-14-2	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2,6-DINITROTOLUENE	606-20-2	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2-CHLORONAPHTHALENE	91-58-7	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
2-CHLOROPHENOL	95-57-8	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.43	0.118	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2-NITROANILINE	88-74-4	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
2-NITROPHENOL	88-75-5	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
3-NITROANILINE	99-09-2	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
4-CHLOROANILINE	106-47-8	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
4-NITROANILINE	100-01-6	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
4-NITROPHENOL	100-02-7	NG	< 4.3	< 2	< 9.7	< 1.4	< 1.3	< 1.7	< 1.2	< 1.3	< 3	< 2	< 1.5	< 7.5	< 1.5
ACENAPHTHENE	83-32-9	9.82	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
ACENAPHTHYLENE	208-96-8	9.04	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
ANTHRACENE	120-12-7	11.88	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
BENZO(A)ANTHRACENE	56-55-3	16.82	0.127	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0803	0.0462	< 0.15	< 0.75	< 0.15
BENZO(A)PYRENE	50-32-8	19.28	0.161	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0693	< 0.2	< 0.15	< 0.75	< 0.15
BENZO(B)FLUORANTHENE	205-99-2	19.58	0.145	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0794	< 0.2	< 0.15	< 0.75	< 0.15
BENZO(G,H,I)PERYLENE	191-24-2	21.9	0.106	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0405	< 0.2	< 0.15	< 0.75	< 0.15
BENZO(K)FLUORANTHENE	207-08-9	19.6	0.131	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0508	< 0.2	< 0.15	< 0.75	< 0.15
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
BIS(2-CHLOROETHYL)	111-44-4	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 1.1	0.0653	< 2.4	< 0.34	< 0.33	< 0.43	0.0206	0.0136	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
CARBAZOLE	86-74-8	NG	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
CHRYSENE	218-01-9	16.86	0.204	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0747	0.0629	< 0.15	0.155	0.0185
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
DIBENZOFURAN	132-64-9	0.831	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
DIETHYL PHTHALATE	84-66-2	1.21	< 1.1	0.0399	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
DIMETHYL PHTHALATE	131-11-3	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
FLUORANTHENE	206-44-0	14.16	0.353	0.0292	0.213	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.159	0.0916	< 0.15	0.279	0.03
FLUORENE	86-73-7	10.78	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
HEXACHLOROBENZENE	118-74-1	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
HEXACHLOROBUTADIENE	87-68-3	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
HEXACHLOROETHANE	67-72-1	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.43	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0374	< 0.2	< 0.15	< 0.75	< 0.15
ISOPHORONE	78-59-1	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
NAPHTHALENE	91-20-3	7.7	< 0.43	0.164	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	< 0.3	< 0.2	< 0.15	< 0.75	< 0.15
NITROBENZENE	98-95-3	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
PENTACHLOROPHENOL	87-86-5	14	< 2.2	< 0.99	< 4.8	< 0.69	< 0.66	< 0.86	< 0.62	< 0.66	< 1.5	< 1	< 0.75	< 3.7	< 0.73
PHENANTHRENE	85-01-8	11.94	0.189	< 0.2	< 0.97	< 0.14	< 0.13	< 0.17	< 0.12	< 0.13	0.0994	0.0551	< 0.15	< 0.75	< 0.15
PHENOL	108-95-2	NG	< 1.1	< 0.49	< 2.4	< 0.34	< 0.33	< 0.43	< 0.31	< 0.33	< 0.74	< 0.51	< 0.37	< 1.9	< 0.36
PYRENE	129-00-0	13.96	0.306	0.0416	0.185	< 0.14	< 0.13	0.0345	< 0.12	< 0.13	0.141	0.0889	< 0.15	0.222	0.0304

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDJ3 UTC-SDJ3-S-D24 11/05/13	SDJ3 UTC-SDJ3-S-D6 11/05/13	SDK1 UTC-SDK1-S-D12 11/05/13	SDK1 UTC-SDK1-S-D24 11/05/13	SDK1 UTC-SDK1-S-D6 11/05/13	SDK2 UTC-SDK2-S-D12 11/05/13	SDK2 UTC-SDK2-S-D24 11/05/13	SDK2 UTC-SDK2-S-D6 11/05/13	SDS1 UTC-SDS1-S-D12 11/04/13	SDS1 UTC-SDS1-S-D24 11/04/13	SDS1 UTC-SDS1-S-D6 11/04/13	SDS2 UTC-SDS2-S-D12 11/04/13	SDS2 UTC-SDS2-S-D24 11/04/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2,4-DINITROPHENOL	51-28-5	NG	< 1.3	< 1.3	< 1.4	< 1.4	< 2.4	< 1.3	< 1.3	< 1.5	< 1.5	< 1.2	< 1.3	< 1.3	< 1.5
2,4-DINITROTOLUENE	121-14-2	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2,6-DINITROTOLUENE	606-20-2	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
2-CHLOROPHENOL	95-57-8	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2-NITROANILINE	88-74-4	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
2-NITROPHENOL	88-75-5	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
3-NITROANILINE	99-09-2	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
4-CHLOROANILINE	106-47-8	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
4-NITROANILINE	100-01-6	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
4-NITROPHENOL	100-02-7	NG	< 1.3	< 1.3	< 1.4	< 1.4	< 2.4	< 1.3	< 1.3	< 1.5	< 1.5	< 1.2	< 1.3	< 1.3	< 1.5
ACENAPHTHENE	83-32-9	9.82	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
ACENAPHTHYLENE	208-96-8	9.04	< 0.13	< 0.13	< 0.14	< 0.14	0.0244	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
ANTHRACENE	120-12-7	11.88	< 0.13	< 0.13	< 0.14	< 0.14	0.0322	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.13	< 0.13	< 0.14	< 0.14	0.132	< 0.13	< 0.13	0.0271	0.044	< 0.12	< 0.13	< 0.13	0.0244
BENZO(A)PYRENE	50-32-8	19.28	< 0.13	< 0.13	< 0.14	< 0.14	0.143	< 0.13	< 0.13	< 0.15	0.0417	< 0.12	< 0.13	< 0.13	< 0.15
BENZO(B)FLUORANTHENE	205-99-2	19.58	< 0.13	< 0.13	< 0.14	< 0.14	0.148	< 0.13	< 0.13	< 0.15	0.0406	< 0.12	< 0.13	< 0.13	< 0.15
BENZO(G,H,I)PERYLENE	191-24-2	21.9	< 0.13	< 0.13	< 0.14	< 0.14	0.0958	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.13	< 0.13	< 0.14	< 0.14	0.125	< 0.13	< 0.13	< 0.15	0.0365	< 0.12	< 0.13	< 0.13	< 0.15
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 0.33	0.0135	< 0.34	< 0.34	0.11	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
CARBAZOLE	86-74-8	NG	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
CHRYSENE	218-01-9	16.86	< 0.13	< 0.13	< 0.14	< 0.14	0.173	< 0.13	< 0.13	0.0316	0.0461	< 0.12	< 0.13	< 0.13	0.0221
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
DIBENZOFURAN	132-64-9	0.831	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
DIETHYL PHTHALATE	84-66-2	1.21	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
DIMETHYL PHTHALATE	131-11-3	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
FLUORANTHENE	206-44-0	14.16	< 0.13	< 0.13	< 0.14	< 0.14	0.299	< 0.13	< 0.13	0.0627	0.114	< 0.12	< 0.13	0.0197	0.0434
FLUORENE	86-73-7	10.78	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
HEXACHLOROBENZENE	118-74-1	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
HEXACHLOROETHANE	67-72-1	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.13	< 0.13	< 0.14	< 0.14	0.0819	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
ISOPHORONE	78-59-1	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
NAPHTHALENE	91-20-3	7.7	< 0.13	< 0.13	< 0.14	< 0.14	< 0.24	< 0.13	< 0.13	< 0.15	< 0.15	< 0.12	< 0.13	< 0.13	< 0.15
NITROBENZENE	98-95-3	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
PENTACHLOROPHENOL	87-86-5	14	< 0.67	< 0.66	< 0.69	< 0.69	< 1.2	< 0.63	< 0.65	< 0.75	< 0.75	< 0.58	< 0.63	< 0.65	< 0.77
PHENANTHRENE	85-01-8	11.94	< 0.13	< 0.13	< 0.14	< 0.14	0.177	< 0.13	< 0.13	0.0386	0.0718	< 0.12	< 0.13	< 0.13	< 0.15
PHENOL	108-95-2	NG	< 0.33	< 0.33	< 0.34	< 0.34	< 0.61	< 0.31	< 0.32	< 0.37	< 0.38	< 0.29	< 0.31	< 0.33	< 0.38
PYRENE	129-00-0	13.96	< 0.13	< 0.13	< 0.14	< 0.14	0.262	< 0.13	< 0.13	0.0565	0.088	< 0.12	< 0.13	< 0.13	< 0.15

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name Unit=mg/kg		sys_loc_code sys_sample_code sample_date	SDS2 UTC-SDS2-S-D6 11/04/13	SDS3 UTC-SDS3-S-D12 11/04/13	SDS3 UTC-SDS3-S-D24 11/04/13	SDS3 UTC-SDS3-S-D6 11/04/13	SDS4 UTC-SDS4-S-D12 11/04/13	SDS4 UTC-SDS4-S-D24 11/04/13	SDS4 UTC-SDS4-S-D6 11/04/13	SDS5 UTC-SDS5-S-D12 11/04/13	SDS5 UTC-SDS5-S-D24 11/04/13	SDS5 UTC-SDS5-S-D6 11/04/13	SDS6 UTC-SDS6-S-D12 11/05/13	SDS6 UTC-SDS6-S-D24 11/05/13	SDS6 UTC-SDS6-S-D6 11/05/13
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2,4-DINITROPHENOL	51-28-5	NG	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.3	< 1.9	< 1.6	< 1.4	< 2	< 1.5	< 1.4	< 1.6
2,4-DINITROTOLUENE	121-14-2	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2,6-DINITROTOLUENE	606-20-2	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
2-CHLOROPHENOL	95-57-8	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2-NITROANILINE	88-74-4	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
2-NITROPHENOL	88-75-5	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
3-NITROANILINE	99-09-2	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
4-CHLOROANILINE	106-47-8	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
4-NITROANILINE	100-01-6	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
4-NITROPHENOL	100-02-7	NG	< 1.4	< 1.4	< 1.5	< 1.4	< 1.4	< 1.3	< 1.9	< 1.6	< 1.4	< 2	< 1.5	< 1.4	< 1.6
ACENAPHTHENE	83-32-9	9.82	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
ACENAPHTHYLENE	208-96-8	9.04	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
ANTHRACENE	120-12-7	11.88	< 0.14	< 0.14	< 0.15	0.0193	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
BENZO(A)ANTHRACENE	56-55-3	16.82	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	0.0552	0.0408	< 0.14	0.0436	0.0556	0.0271	0.0487
BENZO(A)PYRENE	50-32-8	19.28	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	0.0559	< 0.16	< 0.14	< 0.2	0.0617	0.0239	0.0543
BENZO(B)FLUORANTHENE	205-99-2	19.58	0.0364	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	0.054	< 0.16	< 0.14	< 0.2	0.0616	< 0.14	0.0428
BENZO(G,H,I)PERYLENE	191-24-2	21.9	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	0.04	< 0.14	0.0349
BENZO(K)FLUORANTHENE	207-08-9	19.6	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	0.04	< 0.14	0.0349
BENZYL BUTYL PHTHALATE	85-68-7	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	0.052	< 0.14	0.0555
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	0.0285	0.0219	0.0253
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	0.0517	< 0.35	< 0.49	0.0642	0.0639	0.0626
CARBAZOLE	86-74-8	NG	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
CHRYSENE	218-01-9	16.86	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	0.0616	0.0426	< 0.14	0.0488	0.0655	0.0275	0.0647
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
DIBENZOFURAN	132-64-9	0.831	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
DIETHYL PHTHALATE	84-66-2	1.21	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
DIMETHYL PHTHALATE	131-11-3	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
FLUORANTHENE	206-44-0	14.16	0.0666	0.033	< 0.15	0.0294	< 0.14	< 0.13	0.135	0.0942	< 0.14	0.119	0.151	0.0587	0.146
FLUORENE	86-73-7	10.78	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
HEXACHLOROBENZENE	118-74-1	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
HEXACHLOROETHANE	67-72-1	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	0.0369	< 0.14	0.039
ISOPHORONE	78-59-1	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
NAPHTHALENE	91-20-3	7.7	< 0.14	< 0.14	< 0.15	< 0.14	< 0.14	< 0.13	< 0.19	< 0.16	< 0.14	< 0.2	< 0.15	< 0.14	< 0.16
NITROBENZENE	98-95-3	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
PENTACHLOROPHENOL	87-86-5	14	< 0.71	< 0.69	< 0.74	< 0.71	< 0.72	< 0.64	< 0.96	< 0.79	< 0.7	< 0.98	< 0.77	< 0.71	< 0.79
PHENANTHRENE	85-01-8	11.94	0.0383	< 0.14	< 0.15	0.02	< 0.14	< 0.13	0.0781	0.058	< 0.14	0.0758	0.0824	0.0348	0.0843
PHENOL	108-95-2	NG	< 0.36	< 0.35	< 0.37	< 0.35	< 0.36	< 0.32	< 0.48	< 0.39	< 0.35	< 0.49	< 0.39	< 0.36	< 0.39
PYRENE	129-00-0	13.96	0.0518	0.0256	< 0.15	0.0208	< 0.14	< 0.13	0.106	0.0719	< 0.14	0.0931	0.113	0.0498	0.114

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name		sys_loc_code	SDS7	SDS7	SDS7	SDS8	SDS8	SDS8	SDS8	SDS8	SDS8	SDS9	SDS9	SDS9	BG-SD-1
		sys_sample_code	UTC-SDS7-S-D12	UTC-SDS7-S-D24	UTC-SDS7-S-D6	UTC-SDS8-QD-D12	UTC-SDS8-QD-D24	UTC-SDS8-QD-D6	UTC-SDS8-S-D12	UTC-SDS8-S-D24	UTC-SDS8-S-D6	UTC-SDS9-S-D12	UTC-SDS9-S-D24	UTC-SDS9-S-D6	11/21/2014
Unit=mg/kg		sample_date	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	0 - 0.5 ft
SVOC	cas_rn	NYSDEC SED - CLASS A													
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2,4-DINITROPHENOL	51-28-5	NG	< 1.2	< 1.1	< 1.5	< 1.5	< 1.3	< 1.3	< 1.6	< 1.3	< 1.5	< 1.8	< 1.3	< 1.3	< 2 U
2,4-DINITROTOLUENE	121-14-2	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2,6-DINITROTOLUENE	606-20-2	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
2-CHLOROPHENOL	95-57-8	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.12	< 0.11	< 0.15	< 0.15	< 0.13	< 0.13	< 0.16	< 0.13	< 0.15	0.024	< 0.13	< 0.13	< 0.2 U
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2-NITROANILINE	88-74-4	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
2-NITROPHENOL	88-75-5	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
3-NITROANILINE	99-09-2	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
4-CHLOROANILINE	106-47-8	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
4-NITROANILINE	100-01-6	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
4-NITROPHENOL	100-02-7	NG	< 1.2	< 1.1	< 1.5	< 1.5	< 1.3	< 1.3	< 1.6	< 1.3	< 1.5	< 1.8	< 1.3	< 1.3	< 2 U
ACENAPHTHENE	83-32-9	9.82	< 0.12	< 0.11	< 0.15	< 0.15	< 0.13	< 0.13	< 0.16	< 0.13	< 0.15	0.0724	< 0.13	0.0182	0.0358 J
ACENAPHTHYLENE	208-96-8	9.04	< 0.12	< 0.11	< 0.15	< 0.15	0.0243	< 0.13	< 0.16	< 0.13	< 0.15	0.0346	< 0.13	< 0.13	0.249
ANTHRACENE	120-12-7	11.88	< 0.12	< 0.11	< 0.15	0.0219	0.0327	< 0.13	< 0.16	< 0.13	0.025	0.192	0.0171	0.0366	0.218
BENZO(A)ANTHRACENE	56-55-3	16.82	0.0442	< 0.11	0.0692	0.132	0.102	0.0319	0.0722	0.0239	0.12	0.913	0.0778	0.164	0.738
BENZO(A)PYRENE	50-32-8	19.28	0.041	0.0216	0.0649	0.117	0.111	0.0273	0.0794	< 0.13	0.11	0.943	0.0729	0.161	0.91
BENZO(B)FLUORANTHENE	205-99-2	19.58	0.0443	< 0.11	0.0882	0.119	0.11	0.0323	0.0789	< 0.13	0.115	1.04	0.0843	0.148	0.983
BENZO(G,H,I)PERYLENE	191-24-2	21.9	0.0346	0.0145	0.048	0.0872	0.0683	0.0191	0.0486	< 0.13	0.0634	0.631	0.0525	0.0971	0.571
BENZO(K)FLUORANTHENE	207-08-9	19.6	0.0379	< 0.11	0.0448	0.122	0.0746	0.0212	0.0685	< 0.13	0.101	0.773	0.0523	0.149	0.749
BENZYL BUTYL PHTHALATE	85-68-7	NG	0.023	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	0.145 J
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 UJ
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
BIS(2-CHLOROISOPROPYL) ETHER		NG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.49 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	0.0458	0.0275	0.0572	0.135	< 0.31	0.167	0.112	0.0359	0.0937	0.123	0.0423	< 0.33	0.14 J
CARBAZOLE	86-74-8	NG	< 0.12	< 0.11	< 0.15	0.0201	0.0202	< 0.13	< 0.16	< 0.13	< 0.15	0.178	0.0157	0.031	0.0553 J
CHRYSENE	218-01-9	16.86	0.0529	< 0.11	0.0853	0.136	0.11	0.0292	0.101	0.0208	0.133	1	0.075	0.176	0.828
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	< 0.12	< 0.11	< 0.15	0.0324	< 0.13	< 0.13	< 0.16	< 0.13	< 0.15	0.184	< 0.13	< 0.13	0.213
DIBENZOFURAN	132-64-9	0.831	< 0.12	< 0.11	< 0.15	< 0.15	< 0.13	< 0.13	< 0.16	< 0.13	< 0.15	0.0469	< 0.13	< 0.13	< 0.2 U
DIETHYL PHTHALATE	84-66-2	1.21	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
DIMETHYL PHTHALATE	131-11-3	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
FLUORANTHENE	206-44-0	14.16	0.0845	0.0408	0.159	0.275	0.22	0.0568	0.191	0.0425	0.283	1.92	0.162	0.349	1.09
FLUORENE	86-73-7	10.78	< 0.12	< 0.11	< 0.15	< 0.15	< 0.13	< 0.13	< 0.16	< 0.13	< 0.15	0.0715	< 0.13	< 0.13	0.0299 J
HEXACHLOROBENZENE	118-74-1	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 UJ
HEXACHLOROETHANE	67-72-1	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	0.0289	0.0144	0.0497	0.0756	0.06	< 0.13	0.041	< 0.13	0.0645	0.586	0.0495	0.0989	0.645
ISOPHORONE	78-59-1	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
NAPHTHALENE	91-20-3	7.7	< 0.12	< 0.11	< 0.15	< 0.15	< 0.13	< 0.13	< 0.16	< 0.13	< 0.15	0.0303	< 0.13	< 0.13	< 0.2 U
NITROBENZENE	98-95-3	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 UJ
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
PENTACHLOROPHENOL	87-86-5	14	< 0.59	< 0.57	< 0.75	< 0.77	< 0.63	< 0.63	< 0.81	< 0.64	< 0.77	< 0.89	< 0.63	< 0.65	< 0.99 U
PHENANTHRENE	85-01-8	11.94	0.0413	0.0193	0.0773	0.125	0.125	0.0348	0.0911	0.0242	0.138	1.01	0.0827	0.195	0.442
PHENOL	108-95-2	NG	< 0.29	< 0.29	< 0.38	< 0.38	< 0.31	< 0.32	< 0.41	< 0.32	< 0.39	< 0.44	< 0.31	< 0.33	< 0.49 U
PYRENE	129-00-0	13.96	0.0769	0.0377	0.129	0.229	0.196	0.0487	0.162	0.0341	0.234	1.69	0.138	0.293	1.34

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 7
Screening of Sediment for SVOCs

Chemical Name / Unit=mg/kg		sys_loc_code	BG-SD-2	BG-SD-3	BG-SD-4	BG-SD-5	BG-SD-6	BG-SD-7	BG-SD-8	BG-SD-9	BG-SD-10
		sys_sample_code	11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014
		sample_date	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
SVOC	cas_rn	NYSDEC SED - CLASS A									
1,2,4-TRICHLOROBENZENE	120-82-1	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
1,2-DICHLOROBENZENE	95-50-1	0.28	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
1,3-DICHLOROBENZENE	541-73-1	1.8	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
1,4-DICHLOROBENZENE	106-46-7	0.72	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
2,2-OXYBIS(2-CHLOROPROPANE)	39638-32-9	NG									
2,4,5-TRICHLOROPHENOL	95-95-4	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2,4,6-TRICHLOROPHENOL	88-06-2	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2,4-DICHLOROPHENOL	120-83-2	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2,4-DIMETHYLPHENOL	105-67-9	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2,4-DINITROPHENOL	51-28-5	NG	< 1.3 U	< 1.3 U	< 1.4 U	< 1.6 U	< 2.9 UJ	< 1.9 U	< 9.1 U	< 5.6 U	< 4.7 U
2,4-DINITROTOLUENE	121-14-2	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2,6-DINITROTOLUENE	606-20-2	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2-CHLORONAPHTHALENE	91-58-7	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
2-CHLOROPHENOL	95-57-8	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
2-METHYLNAPHTHALENE	91-57-6	0.586	< 0.13 U	< 0.13 U	< 0.14 U	< 0.16 U	< 0.29 U	< 0.19 U	< 0.91 U	< 0.56 U	< 0.47 U
2-METHYLPHENOL (O-CRESOL)	95-48-7	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2-NITROANILINE	88-74-4	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
2-NITROPHENOL	88-75-5	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
3,3'-DICHLOROBENZIDINE	91-94-1	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
3-NITROANILINE	99-09-2	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
4,6-DINITRO-2-METHYLPHENOL	534-52-1	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 UJ	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
4-BROMOPHENYL PHENYL ETHER	101-55-3	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
4-CHLORO-3-METHYLPHENOL	59-50-7	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
4-CHLOROANILINE	106-47-8	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
4-METHYLPHENOL (P-CRESOL)	106-44-5	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
4-NITROANILINE	100-01-6	NG	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
4-NITROPHENOL	100-02-7	NG	< 1.3 U	< 1.3 U	< 1.4 U	< 1.6 U	< 2.9 U	< 1.9 U	< 9.1 U	< 5.6 U	< 4.7 U
ACENAPHTHENE	83-32-9	9.82	< 0.13 U	0.0171 J	< 0.14 U	< 0.16 U	< 0.29 U	< 0.19 U	< 0.91 U	< 0.56 U	< 0.47 U
ACENAPHTHYLENE	208-96-8	9.04	0.0147 J	< 0.13 U	< 0.14 U	< 0.16 U	0.0881 J	0.0356 J	< 0.91 U	< 0.56 U	< 0.47 U
ANTHRACENE	120-12-7	11.88	0.0281 J	0.0431 J	0.0215 J	< 0.16 U	0.0977 J	0.0357 J	< 0.91 U	< 0.56 U	< 0.47 U
BENZO(A)ANTHRACENE	56-55-3	16.82	0.113 J	0.178	0.0732 J	0.0535 J	0.264 J	0.0988 J	0.136 J	0.0883 J	0.16 J
BENZO(A)PYRENE	50-32-8	19.28	0.124 J	0.198	0.0756 J	0.0555 J	0.344	0.108 J	0.123 J	0.0662 J	0.131 J
BENZO(B)FLUORANTHENE	205-99-2	19.58	0.131	0.211	0.0668 J	0.0622 J	0.312	0.107 J	0.118 J	0.101 J	0.137 J
BENZO(G,H,I)PERYLENE	191-24-2	21.9	0.0740 J	0.129 J	0.0419 J	0.0392 J	0.219 J	0.0780 J	< 0.91 U	< 0.56 U	0.0912 J
BENZO(K)FLUORANTHENE	207-08-9	19.6	0.122 J	0.165	0.0688 J	0.0522 J	0.287 J	0.109 J	< 0.91 U	< 0.56 U	0.145 J
BENZYL BUTYL PHTHALATE	85-68-7	NG	0.0251 J	0.0155 J	0.0223 J	0.0178 J	0.0410 J	0.0262 J	< 2.3 U	< 1.4 U	< 1.2 U
BIS(2-CHLOROETHOXY) METHANE	111-91-1	NG	< 0.33 UJ	< 0.32 UJ	< 0.35 UJ	< 0.4 UJ	< 0.74 UJ	< 0.48 UJ	< 2.3 UJ	< 1.4 UJ	< 1.2 UJ
BIS(2-CHLOROETHYL)	111-44-4	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 UJ	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
BIS(2-CHLOROISOPROPYL) ETHER		NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	360	0.0482 J	0.0474 J	0.0438 J	0.0350 J	0.0602 J	0.0503 J	0.118 J	0.0825 J	0.0635 J
CARBAZOLE	86-74-8	NG	0.0165 J	0.0346 J	< 0.14 U	< 0.16 U	< 0.29 U	< 0.19 U	< 0.91 U	< 0.56 U	< 0.47 U
CHRYSENE	218-01-9	16.86	0.129 J	0.211	0.0762 J	0.0590 J	0.326	0.126 J	0.124 J	0.0877 J	0.155 J
DIBENZ(A,H)ANTHRACENE	53-70-3	22.44	0.0332 J	0.0633 J	0.0264 J	0.0203 J	0.0898 J	0.0280 J	< 0.91 U	< 0.56 U	< 0.47 U
DIBENZOFURAN	132-64-9	0.831	< 0.13 U	< 0.13 U	< 0.14 U	< 0.16 U	< 0.29 U	< 0.19 U	< 0.91 U	< 0.56 U	< 0.47 U
DIETHYL PHTHALATE	84-66-2	1.21	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
DIMETHYL PHTHALATE	131-11-3	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
DI-N-BUTYL PHTHALATE	84-74-2	12.9	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
DI-N-OCTYLPHTHALATE	117-84-0	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
FLUORANTHENE	206-44-0	14.16	0.237	0.403	0.142	0.0917 J	0.49	0.204	0.184 J	0.139 J	0.269 J
FLUORENE	86-73-7	10.78	< 0.13 U	0.0171 J	< 0.14 U	< 0.16 U	< 0.29 U	< 0.19 U	< 0.91 U	< 0.56 U	< 0.47 U
HEXACHLOROBENZENE	118-74-1	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
HEXACHLOROBUTADIENE	87-68-3	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
HEXACHLOROCYCLOPENTADIENE	77-47-4	NG	< 0.66 UJ	< 0.65 UJ	< 0.69 UJ	< 0.81 UJ	< 1.5 UJ	< 0.95 UJ	< 4.5 UJ	< 2.8 UJ	< 2.3 UJ
HEXACHLOROETHANE	67-72-1	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
INDENO(1,2,3-C,D)PYRENE	193-39-5	22.3	0.0889 J	0.15	0.0511 J	0.0432 J	0.251 J	0.0832 J	0.103 J	0.0719 J	0.0947 J
ISOPHORONE	78-59-1	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
NAPHTHALENE	91-20-3	7.7	< 0.13 U	< 0.13 U	< 0.14 U	< 0.16 U	< 0.29 U	< 0.19 U	< 0.91 U	< 0.56 U	< 0.47 U
NITROBENZENE	98-95-3	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
N-NITROSODI-N-PROPYLAMINE	621-64-7	NG	< 0.33 UJ	< 0.32 UJ	< 0.35 UJ	< 0.4 UJ	< 0.74 UJ	< 0.48 UJ	< 2.3 UJ	< 1.4 UJ	< 1.2 UJ
N-NITROSODIPHENYLAMINE	86-30-6	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
PENTACHLOROPHENOL	87-86-5	14	< 0.66 U	< 0.65 U	< 0.69 U	< 0.81 U	< 1.5 U	< 0.95 U	< 4.5 U	< 2.8 U	< 2.3 U
PHENANTHRENE	85-01-8	11.94	0.125 J	0.237	0.0888 J	0.0376 J	0.221 J	0.0998 J	< 0.91 U	0.0783 J	0.147 J
PHENOL	108-95-2	NG	< 0.33 U	< 0.32 U	< 0.35 U	< 0.4 U	< 0.74 U	< 0.48 U	< 2.3 U	< 1.4 U	< 1.2 U
PYRENE	129-00-0	13.96	0.209	0.358	0.128 J	0.0838 J	0.536	0.222	0.177 J	0.123 J	0.251 J

Dup - Field Duplicate Sample
Detections are bolded.
Exceedances are bolded & highlighted (no exceedances)
UTC developed screening values
NG = No sediment guidance value
NA= Not analyzed

Table 8
Distribution and Screening of PCBs in Sediment by Depth

PCB Name	Screening Criteria				Transect A						Transect B						Transect C				
PCBs-0 to 6 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDA1 UTC-SDA1-S-D6 11/06/13	SDA2 UTC-SDA2-S-D6 11/06/13	SDA3 UTC-SDA3-S-D6 11/07/13	SDA4 UTC-SDA4-S-D6 11/08/13			SDB1 UTC-SDB1-S-D6 11/06/13			SDB2 UTC-SDB2-QD-D6 11/07/13	SDB2 UTC-SDB2-S-D6 11/07/13	SDB4 UTC-SDB4-S-D6 11/07/13	SDC1 UTC-SDC1-S-D6 11/06/13	SDC2 UTC-SDC2-S-D6 11/06/13	SDC3 UTC-SDC3-S-D6 11/06/13	SDC4 UTC-SDC4-S-D6 11/08/13	SDC5 UTC-SDC5-S-D6 11/07/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C				mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ								
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.048	< 0.041	< 0.043	< 0.054			< 0.051			< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.048	< 0.041	< 0.043	< 0.054			< 0.051			< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.048	< 0.041	< 0.043	< 0.054			< 0.051			< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.048	< 0.041	< 0.043	< 0.054			< 0.051			< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.048	< 0.041	< 0.043	< 0.054			< 0.051			< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.048	< 0.041	< 0.043	0.0754	1.6982	0.0301	0.062	1.2277	0.0217	< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.048	< 0.041	< 0.043	**0.238**	5.3604	0.0617	**0.106**	2.0990	0.0242	< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
Total PCBs		70.9	0.1	1	< 0.048	< 0.041		**0.3134**			**0.168**			< 0.053	< 0.052	< 0.052	< 0.056	< 0.048	< 0.043	< 0.054	< 0.054
TOC (mg/kg)								44400			50500										
Toxicity Units (total)										0.0917			0.0459								
PCBs-6-12 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDA1 UTC-SDA1-S-D12 11/06/13	SDA2 UTC-SDA2-S-D12 11/06/13	SDA3 UTC-SDA3-S-D12 11/07/13	SDA4 UTC-SDA4-S-D12 11/08/13			SDB1 UTC-SDB1-S-D12 11/06/13				SDB2 UTC-SDB2-S-D12 11/07/13	SDB4 UTC-SDB4-S-D12 11/07/13	SDC1 UTC-SDC1-S-D12 11/06/13	SDC2 UTC-SDC2-S-D12 11/06/13	SDC3 UTC-SDC3-S-D12 11/06/13	SDC4 UTC-SDC4-S-D12 11/08/13	SDC5 UTC-SDC5-S-D12 11/07/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C				mg/kg	µg/gOC	HQ											
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.04	< 0.041	< 0.042	< 0.047			< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.04	< 0.041	< 0.042	< 0.047			< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.04	< 0.041	< 0.042	< 0.047			< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.04	< 0.041	< 0.042	< 0.047			< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.04	< 0.041	< 0.042	< 0.047			< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.04	< 0.041	< 0.042	0.0551	1.4424	0.0255	< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.04	< 0.041	< 0.042	**0.147**	3.8482	0.0443	< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
Total PCBs		70.9	0.1	1	< 0.04	< 0.041		**0.2021**			< 0.043				< 0.046	< 0.046	< 0.047	< 0.042	< 0.04	< 0.042	< 0.05
TOC (mg/kg)								38200													
Toxicity Units (total)										0.0698											
PCBs-18-24 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDA1 UTC-SDA1-S-D24 11/06/13	SDA2 UTC-SDA2-S-D24 11/06/13	SDA3 UTC-SDA3-S-24 11/07/13	SDA4 UTC-SDA4-S-D24 11/08/13			SDB1 UTC-SDB1-S-D24 11/06/13				SDB2 UTC-SDB2-S-D24 11/07/13	SDB4 UTC-SDB4-S-D24 11/07/13	SDC1 UTC-SDC1-S-D24 11/06/13	SDC2 UTC-SDC2-S-D24 11/06/13	SDC3 UTC-SDC3-S-D24 11/06/13	SDC4 UTC-SDC4-S-D24 11/08/13	SDC5 UTC-SDC5-S-D24 11/07/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C																	
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.038	< 0.043	< 0.04	< 0.048			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
Total PCBs		70.9	0.1	1	< 0.038	< 0.043		< 0.049			< 0.04				< 0.041	< 0.042	< 0.045	< 0.039	< 0.039	< 0.042	< 0.041
TOC (mg/kg)								27400													
Toxicity Units (total)																					

Criteria: NYSDEC SED - CLASS A
U - Not Detected
J - Estimated Concentration
R - Rejected
NA - Not available
Dup - Field Duplicate Sample
Detections are bolded.
Class A Exceedances are bolded & highlighted yellow
Class C SGV exceedances are bolded & highlighted orange
Red font indicates Toxicity Units exceed 1.0

Table 8
Distribution and Screening of PCBs in Sediment by Depth

PCB Name	Screening Criteria				Transect D			Transect E			
				sys_loc_code	SDD1	SDD2	SDD3	SDE1	SDE2	SDE3	SDE4
PCBs-0 to 6 inches				sys_sample_code	UTC-SDD1-S-D6	UTC-SDD2-S-D6	UTC-SDD3-S-D6	UTC-SDE1-S-D6	UTC-SDE2-S-D6	UTC-SDE3-S-D6	UTC-SDE4-S-D6
Unit=mg/kg				sample_date	11/06/13	11/07/13	11/08/13	11/06/13	11/06/13	11/08/13	11/08/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C							
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.051	< 0.047	< 0.044	< 0.05	< 0.048	< 0.047	< 0.049
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.051	< 0.047	< 0.044	< 0.05	< 0.048	< 0.047	< 0.049
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.051	< 0.047	< 0.044	< 0.05	< 0.048	< 0.047	< 0.049
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.051	< 0.047	< 0.044	< 0.05	< 0.048	< 0.047	< 0.049
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.051	< 0.047	< 0.044	< 0.05	< 0.048	< 0.047	< 0.049
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.051	< 0.047	< 0.044	< 0.05	< 0.048	< 0.047	< 0.049
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			0.026	< 0.047	< 0.044	0.0807	0.026	0.0245	0.0359
Total PCBs		70.9	0.1	1	0.026	< 0.047	< 0.044	0.0807	0.026	0.0245	0.0359
TOC (mg/kg)											
Toxicity Units (total)											
				sys_loc_code	SDD1	SDD2	SDD3	SDE1	SDE2	SDE3	SDE4
PCBs-6-12 inches				sys_sample_code	UTC-SDD1-S-D12	UTC-SDD2-S-D12	UTC-SDD3-S-D12	UTC-SDE1-S-D12	UTC-SDE2-S-D12	UTC-SDE3-S-D12	UTC-SDE4-S-D12
Unit=mg/kg				sample_date	11/06/13	11/07/13	11/08/13	11/06/13	11/06/13	11/08/13	11/08/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C							
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
Total PCBs		70.9	0.1	1	< 0.043	< 0.04	< 0.04	< 0.042	< 0.043	< 0.041	< 0.055
TOC (mg/kg)											
Toxicity Units (total)											
				sys_loc_code	SDD1	SDD2	SDD3	SDE1	SDE2	SDE3	SDE4
PCBs-18-24 inches				sys_sample_code	UTC-SDD1-S-D24	UTC-SDD2-S-D24	UTC-SDD3-S-D24	UTC-SDE1-S-D24	UTC-SDE2-S-D24	UTC-SDE3-S-D24	UTC-SDE4-S-D24
Unit=mg/kg				sample_date	11/06/13	11/07/13	11/08/13	11/06/13	11/06/13	11/08/13	11/08/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C							
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
Total PCBs		70.9	0.1	1	< 0.04	< 0.043	< 0.04	< 0.038	< 0.041	< 0.041	< 0.062
TOC (mg/kg)											
Toxicity Units (total)											

Criteria: NYSDEC SED - CLASS A
U - Not Detected
J - Estimated Concentration
R - Rejected
NA - Not available
Dup - Field Duplicate Sample
Detections are bolded.
Class A Exceedances are bolded & highlighted yellow
Class C SGV exceedances are bolded & highlighted orange
Red font indicates Toxicity Units exceed 1.0

Table 8
Distribution and Screening of PCBs in Sediment by Depth

PCB Name	Screening Criteria				Transect F															Transect G	
PCBs-0 to 6 inches					sys_loc_code	SDF1			F1-01			F1-02			F1-03			F1-04			SDF2	SDF3	SDF4	SDG1	SDG2
Unit=mg/kg					sys_sample_code	UTC-SDF1-S-D6			F1-01			F1-02			F1-03			F1-04			UTC-SDF2-S-D6	UTC-SDF3-S-D6	UTC-SDF4-S-D6	UTC-SDG1-S-D6	UTC-SDG2-S-D6
					sample_date	11/04/13			10/24/14			10/24/14			10/24/14			10/24/14			11/07/13	11/08/13	11/08/13	11/06/13	11/07/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ					
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.045			< 0.064			< 0.084			< 0.013			< 0.057			< 0.047	< 0.045	< 0.055	< 0.047	< 0.046
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.045			< 0.064			< 0.084			< 0.013			< 0.057			< 0.047	< 0.045	< 0.055	< 0.047	< 0.046
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.045			< 0.064			< 0.084			< 0.013			< 0.057			< 0.047	< 0.045	< 0.055	< 0.047	< 0.046
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.045			< 0.064			< 0.084			< 0.013			< 0.057			< 0.047	< 0.045	< 0.055	< 0.047	< 0.046
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.045			< 0.064			< 0.084			< 0.013			< 0.057			< 0.047	< 0.045	< 0.055	< 0.047	< 0.046
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			4.31	583.221	10.322	2.080	15.878	0.281	0.407	4.673	0.083	4.090	19.292	0.341	0.0360	0.699	0.012	< 0.047	< 0.045	< 0.055	< 0.047	< 0.046
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			1.99	269.283	3.099	< 0.064			0.243	2.790	0.032	1.460	6.887	0.079	0.6260	12.155	0.140	< 0.047	< 0.045	< 0.055	0.0397	< 0.046
Total PCBs		70.9	0.1	1	6.3			2.080			0.650			5.550			0.0986			< 0.047	< 0.045	< 0.055	0.0397	< 0.046
TOC (mg/kg)					7390			131000			87100			212000			51500							
Toxicity Units (total)							13.4213			0.2810			0.1148			0.4207			0.1522					
PCBs-6-12 inches					sys_loc_code	SDF1			F1-01			F1-02			F1-03			F1-04			SDF2	SDF3	SDF4	SDG1	SDG2
Unit=mg/kg					sys_sample_code	UTC-SDF1-S-D12			F1-01			F1-02			F1-03			F1-04			UTC-SDF2-S-D12	UTC-SDF3-S-D12	UTC-SDF4-S-D12	UTC-SDG1-S-D12	UTC-SDG2-S-D12
					sample_date	11/04/13			10/24/14			10/24/14			10/24/14			10/24/14			11/07/13	11/08/13	11/08/13	11/06/13	11/07/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ					
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.04			< 0.044			< 0.075			< 0.045			< 0.046			< 0.046	< 0.041	< 0.043	< 0.042	< 0.046
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.04			< 0.044			< 0.075			< 0.045			< 0.046			< 0.046	< 0.041	< 0.043	< 0.042	< 0.046
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.04			< 0.044			< 0.075			< 0.045			< 0.046			< 0.046	< 0.041	< 0.043	< 0.042	< 0.046
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.04			< 0.044			< 0.075			< 0.045			< 0.046			< 0.046	< 0.041	< 0.043	< 0.042	< 0.046
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.04			< 0.044			< 0.075			< 0.045			< 0.046			< 0.046	< 0.041	< 0.043	< 0.042	< 0.046
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			0.122	7.135	0.126	0.024	2.359	0.042	12.500	55.310	0.979	0.539	16.333	0.289	0.107	3.835	0.068	< 0.046	< 0.041	< 0.043	< 0.042	< 0.046
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			0.0644	3.766	0.043	< 0.044			4.950	21.903	0.252	0.410	12.424	0.143	0.136	4.875	0.056	< 0.046	< 0.041	< 0.043	0.0327	< 0.046
Total PCBs		70.9	0.1	1	0.1864			0.0243			17.5000			0.9490			0.2430			< 0.046	< 0.041	< 0.043	0.0327	< 0.046
TOC (mg/kg)					17100			10300			226000			33000			27900							
Toxicity Units (total)							0.1696			0.0418			1.2310			0.4321			0.1240					
PCBs-18-24 inches					sys_loc_code	SDF1			F1-01			F1-02			F1-03			F1-04			SDF2	SDF3	SDF4	SDG1	SDG2
Unit=mg/kg					sys_sample_code	UTC-SDF1-S-D24			F1-01			F1-02			F1-03			F1-04			UTC-SDF2-S-D24	UTC-SDF3-S-D24	UTC-SDF4-S-D24	UTC-SDG1-S-D24	UTC-SDG2-S-D24
					sample_date	11/04/13			10/24/14			10/24/14			10/24/14			10/24/14			11/07/13	11/08/13	11/08/13	11/06/13	11/07/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ					
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.043			< 0.046			< 0.041			< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.043			< 0.046			< 0.041			< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.043			< 0.046			< 0.041			< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.043			< 0.046			< 0.041			< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.043			< 0.046			< 0.041			< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			1.16	53.9535	0.9549	< 0.046			0.0321	20.3165	0.3596	< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			0.455	21.1628	0.2435	< 0.046			0.0160	10.1266	0.1165	< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.039	< 0.041
Total PCBs		70.9	0.1	1	1.615			< 0.046			0.0481			< 0.046			< 0.041			< 0.041	< 0.047	< 0.041	< 0.040	< 0.041
TOC (mg/kg)					21500			13400			1580			19300			8830							
Toxicity Units (total)							1.1985						0.4761											

Criteria: NYSDEC SED - CLASS A
U - Not Detected
J - Estimated Concentration
R - Rejected
NA - Not available
Dup - Field Duplicate Sample
Detections are bolded.
Class A Exceedances are bolded & highlighted yellow
Class C SGV exceedances are bolded & highlighted orange
Red font indicates Toxicity Units exceed 1.0

Table 8
Distribution and Screening of PCBs in Sediment by Depth

PCB Name	Screening Criteria				Transect H					Transect I					Transect J					Transect K				
PCBs-0 to 6 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDH1 UTC-SDH1-S-D6 11/06/13			SDH2 UTC-SDH2-S-D6 11/07/13	SDH3 UTC-SDH3-S-D6 11/07/13	SDI1 UTC-SDI1-QD-D6 11/06/13	SDI1 UTC-SDI1-S-D6 11/06/13	SDI2 UTC-SDI2-S-D6 11/07/13	SDI3 UTC-SDI3-S-D6 11/05/13	SDJ1 UTC-SDJ1-S-D6 11/06/13			SDJ2 UTC-SDJ2-S-D6 11/07/13	SDJ3 UTC-SDJ3-S-D6 11/05/13	SDK1 UTC-SDK1-S-D6 11/05/13			SDK2 UTC-SDK2-S-D6 11/05/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C	mg/kg	µg/gOC	HQ							mg/kg	µg/gOC	HQ			mg/kg	µg/gOC	HQ	
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.12			< 0.049	< 0.096	< 0.048	< 0.049	< 0.31	< 0.056	< 0.097			< 0.25	< 0.044	< 0.08			< 0.049
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.12			< 0.049	< 0.096	< 0.048	< 0.049	< 0.31	< 0.056	< 0.097			< 0.25	< 0.044	< 0.08			< 0.049
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.12			< 0.049	< 0.096	< 0.048	< 0.049	< 0.31	< 0.056	< 0.097			< 0.25	< 0.044	< 0.08			< 0.049
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.12			< 0.049	< 0.096	< 0.048	< 0.049	< 0.31	< 0.056	< 0.097			< 0.25	< 0.044	< 0.08			< 0.049
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.12			< 0.049	< 0.096	< 0.048	< 0.049	< 0.31	< 0.056	< 0.097			< 0.25	< 0.044	< 0.08			< 0.049
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			**0.195**	**1.3732**	**0.0243**	< 0.049	< 0.096	< 0.048	< 0.049	< 0.31	< 0.056	**0.324**	**3.6986**	**0.0655**	< 0.25	< 0.044	0.0777	**0.7194**	**0.0127**	< 0.049
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			**0.343**	**2.4155**	**0.0278**	< 0.049	0.0506	0.0468	0.0522	< 0.31	< 0.056	< 0.097			< 0.25	< 0.044	**0.171**	**1.5833**	**0.0182**	< 0.049
Total PCBs		70.9	0.1	1	**0.538**			< 0.049	0.0506	0.0468	0.0522	< 0.31	< 0.056	**0.324**			< 0.25	< 0.044	**0.2487**			< 0.049
TOC (mg/kg)					142000									87600					108000			
Toxicity Units (total)							0.0521									0.0655					0.0310	
PCBs-6-12 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDH1 UTC-SDH1-S-D12 11/06/13			SDH2 UTC-SDH2-S-D12 11/07/13	SDH3 UTC-SDH3-S-D12 11/07/13	SDI1 UTC-SDI1-QD-D12 11/06/13	SDI1 UTC-SDI1-S-D12 11/06/13	SDI2 UTC-SDI2-S-D12 11/07/13	SDI3 UTC-SDI3-S-D12 11/05/13	SDJ1 UTC-SDJ1-S-D12 11/06/13			SDJ2 UTC-SDJ2-S-D12 11/07/13	SDJ3 UTC-SDJ3-S-D12 11/05/13	SDK1 UTC-SDK1-S-D12 11/05/13			SDK2 UTC-SDK2-S-D12 11/05/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C																		
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			< 0.069	< 0.049	< 0.046			< 0.042
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			< 0.069	< 0.049	< 0.046			< 0.042
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			< 0.069	< 0.049	< 0.046			< 0.042
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			< 0.069	< 0.049	< 0.046			< 0.042
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			< 0.069	< 0.049	< 0.046			< 0.042
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			< 0.069	< 0.049	< 0.046			< 0.042
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			0.0516	< 0.049	< 0.046			< 0.042
Total PCBs		70.9	0.1	1	< 0.044			< 0.044	< 0.046	< 0.043	< 0.046	< 0.14	< 0.045	< 0.041			0.0516	< 0.049	< 0.046			< 0.042
TOC (mg/kg)																						
Toxicity Units (total)																						
PCBs-18-24 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDH1 UTC-SDH1-S-D24 11/06/13			SDH2 UTC-SDH2-S-D24 11/07/13	SDH3 UTC-SDH3-S-D24 11/07/13	SDI1 UTC-SDI1-QD-D24 11/06/13	SDI1 UTC-SDI1-S-D24 11/06/13	SDI2 UTC-SDI2-S-D24 11/07/13	SDI3 UTC-SDI3-S-D24 11/05/13	SDJ1 UTC-SDJ1-S-D24 11/06/13			SDJ2 UTC-SDJ2-S-D24 11/07/13	SDJ3 UTC-SDJ3-S-D24 11/05/13	SDK1 UTC-SDK1-S-D24 11/05/13			SDK2 UTC-SDK2-S-D24 11/05/13
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C																		
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	< 0.062	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	< 0.062	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	< 0.062	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	< 0.062	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	< 0.062	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	< 0.062	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	0.0649	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
Total PCBs		70.9	0.1	1	< 0.041			< 0.044	< 0.041	< 0.042	< 0.043	0.0649	< 0.044	< 0.043			< 0.05	< 0.044	< 0.045			< 0.043
TOC (mg/kg)																						
Toxicity Units (total)																						

Criteria: NYSDEC SED - CLASS A
U - Not Detected
J - Estimated Concentration
R - Rejected
NA - Not available
Dup - Field Duplicate Sample
Detections are bolded.
Class A Exceedances are bolded & highlighted yellow
Class C SGV exceedances are bolded & highlighted orange
Red font indicates Toxicity Units exceed 1.0

Table 8
Distribution and Screening of PCBs in Sediment by Depth

PCB Name	Screening Criteria				North Swale to Sanders Creek							Sanders Creek Floodplain								
PCBs-0 to 6 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDS1 UTC-SDS1-S-D6 11/04/13	SDS2 UTC-SDS2-S-D6 11/04/13	SDS3 UTC-SDS3-S-D6 11/04/13	SDS4 UTC-SDS4-S-D6 11/04/13	SDS5 UTC-SDS5-S-D6 11/04/13	SDS6 UTC-SDS6-S-D6 11/05/13	SDS7 UTC-SDS7-S-D6 11/05/13	SDS8 UTC-SDS8-QD-D6 11/05/13			SDS8 UTC-SDS8-S-D6 11/05/13			SDS9 UTC-SDS9-S-D6 11/05/13		
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C													mg/kg	µg/gOC	HQ
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	< 0.042			< 0.051			< 0.045		
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	< 0.042			< 0.051			< 0.045		
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	< 0.042			< 0.051			< 0.045		
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	< 0.042			< 0.051			< 0.045		
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	< 0.042			< 0.051			< 0.045		
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	< 0.042			< 0.051			0.0491	2.7740	0.0491
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	0.0654			0.0366			0.231	13.0508	0.1502
Total PCBs		70.9	0.1	1	< 0.042	< 0.048	< 0.048	< 0.065	< 0.062	< 0.051	< 0.05	0.0654			0.0366			0.2801		
TOC (mg/kg)												12500			36600			17700		
Toxicity Units (total)																				0.1993
PCBs-6-12 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDS1 UTC-SDS1-S-D12 11/04/13	SDS2 UTC-SDS2-S-D12 11/04/13	SDS3 UTC-SDS3-S-D12 11/04/13	SDS4 UTC-SDS4-S-D12 11/04/13	SDS5 UTC-SDS5-S-D12 11/04/13	SDS6 UTC-SDS6-S-D12 11/05/13	SDS7 UTC-SDS7-S-D12 11/05/13	SDS8 UTC-SDS8-QD-D12 11/05/13			SDS8 UTC-SDS8-S-D12 11/05/13			SDS9 UTC-SDS9-S-D12 11/05/13		
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C											mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	< 0.051			< 0.051			< 0.058		
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	< 0.051			< 0.051			< 0.058		
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	< 0.051			< 0.051			< 0.058		
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	< 0.051			< 0.051			< 0.058		
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	< 0.051			< 0.051			< 0.058		
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	< 0.051			0.0372	12.4832	0.2209	0.185	5.5060	0.0975
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	0.0752			0.113	37.9195	0.4364	0.536	15.9524	0.1836
Total PCBs		70.9	0.1	1	< 0.052	< 0.045	< 0.047	< 0.046	< 0.051	< 0.052	< 0.04	0.0752			0.1502			0.721		
TOC (mg/kg)												36400			2980			33600		
Toxicity Units (total)																	0.6573			0.2810
PCBs-18-24 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	SDS1 UTC-SDS1-S-D24 11/04/13	SDS2 UTC-SDS2-S-D24 11/04/13	SDS3 UTC-SDS3-S-D24 11/04/13	SDS4 UTC-SDS4-S-D24 11/04/13	SDS5 UTC-SDS5-S-D24 11/04/13	SDS6 UTC-SDS6-S-D24 11/05/13	SDS7 UTC-SDS7-S-D24 11/05/13	SDS8 UTC-SDS8-QD-D24 11/05/13			SDS8 UTC-SDS8-S-D24 11/05/13			SDS9 UTC-SDS9-S-D24 11/05/13		
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C								mg/kg	µg/gOC	HQ				mg/kg	µg/gOC	HQ
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	< 0.041			< 0.041			< 0.042		
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	< 0.041			< 0.041			< 0.042		
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	< 0.041			< 0.041			< 0.042		
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	< 0.041			< 0.041			< 0.042		
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	< 0.041			< 0.041			< 0.042		
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	0.0358	1.5431	0.0273	< 0.041			< 0.042		
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	0.233	10.0431	0.1156	0.0837			0.232	36.4780	0.4198
Total PCBs		70.9	0.1	1	< 0.04	< 0.052	< 0.049	< 0.044	< 0.046	< 0.047	< 0.038	0.2688			0.0837			0.232		
TOC (mg/kg)												23200			12200			6360		
Toxicity Units (total)														0.1429						0.4198

Criteria: NYSDEC SED - CLASS A
U - Not Detected
J - Estimated Concentration
R - Rejected
NA - Not available
Dup - Field Duplicate Sample
Detections are bolded.
Class A Exceedances are bolded & highlighted yellow
Class C SGV exceedances are bolded & highlighted orange
Red font indicates Toxicity Units exceed 1.0

Table 8
Distribution and Screening of PCBs in Sediment by Depth

PCB Name	Screening Criteria				Parking Lot Swale							Western Landfill Margin										
PCBs-0 to 6 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date	BG-SD-01 BG-SD-01 11/21/14			BG-SD-02 BG-SD-02 11/21/14	BG-SD-03 BG-SD-03 11/21/14	BG-SD-04 BG-SD-04 11/21/14	BG-SD-05 BG-SD-05 11/21/14	BG-SD-06 BG-SD-06 11/21/14			BG-SD-07 BG-SD-07 11/21/14			BG-SD-08 BG-SD-08 11/21/14			BG-SD-09 BG-SD-09 11/21/14			BG-SD-10 BG-SD-10 11/21/14
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C	mg/kg	µg/gOC	HQ					mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	mg/kg	µg/gOC	HQ	
PCB-1016 (AROCLOR 1016)	12674-11-2				< 0.069 U			< 0.044 U	< 0.043 U	< 0.046 U	< 0.052 U	< 0.1 U			< 0.061 U			< 0.31 U			< 0.18 U			< 0.16 U
PCB-1221 (AROCLOR 1221)	11104-28-2				< 0.069 U			< 0.044 U	< 0.043 U	< 0.046 U	< 0.052 U	< 0.1 U			< 0.061 U			< 0.31 U			< 0.18 U			< 0.16 U
PCB-1232 (AROCLOR 1232)	11141-16-5				< 0.069 U			< 0.044 U	< 0.043 U	< 0.046 U	< 0.052 U	< 0.1 U			< 0.061 U			< 0.31 U			< 0.18 U			< 0.16 U
PCB-1242 (AROCLOR 1242)	53469-21-9				< 0.069 U			< 0.044 U	< 0.043 U	< 0.046 U	< 0.052 U	< 0.1 U			< 0.061 U			< 0.31 U			< 0.18 U			< 0.16 U
PCB-1248 (AROCLOR 1248)	12672-29-6				< 0.069 U			< 0.044 U	< 0.043 U	< 0.046 U	< 0.052 U	< 0.1 U			< 0.061 U			< 0.31 U			< 0.18 U			< 0.16 U
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5			< 0.069 U			< 0.044 U	< 0.043 U	< 0.046 U	< 0.052 U	0.0596 J			0.0388 J			< 0.31 U			**1.26**	6.3317	0.1121	< 0.16 U
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9			**0.577**	8.5355	0.0982	0.0531	0.0407 J	0.0186 J	0.0206 J	**0.133 J**	1.5702	0.0181	**0.132**	1.9820	0.0228	**0.127 J**	0.5404	0.0062	< 0.18 U			< 0.16 U
Total PCBs		70.9	0.1	1	**0.577**			0.0531	0.0407	0.0186	0.0206	**0.193**			**0.171**			**0.127**			**1.26**			< 0.16 U
TOC (mg/kg)					67600			32100	26800	28000	37000	84700			66600			235000			199000			168000
Toxicity Units (total)							0.0982							0.0181			0.0228			0.0062			0.1121	

PCBs-6-12 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C
PCB-1016 (AROCLOR 1016)	12674-11-2			
PCB-1221 (AROCLOR 1221)	11104-28-2			
PCB-1232 (AROCLOR 1232)	11141-16-5			
PCB-1242 (AROCLOR 1242)	53469-21-9			
PCB-1248 (AROCLOR 1248)	12672-29-6			
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5		
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9		
Total PCBs		70.9	0.1	1
TOC (mg/kg)				
Toxicity Units (total)				

PCBs-18-24 inches Unit=mg/kg				sys_loc_code sys_sample_code sample_date
chemical_name	cas_rn	SGV (µg/gOC)	DEC SED - CLASS A	DEC SED - CLASS C
PCB-1016 (AROCLOR 1016)	12674-11-2			
PCB-1221 (AROCLOR 1221)	11104-28-2			
PCB-1232 (AROCLOR 1232)	11141-16-5			
PCB-1242 (AROCLOR 1242)	53469-21-9			
PCB-1248 (AROCLOR 1248)	12672-29-6			
PCB-1254 (AROCLOR 1254)	11097-69-1	56.5		
PCB-1260 (AROCLOR 1260)	11096-82-5	86.9		
Total PCBs		70.9	0.1	1
TOC (mg/kg)				
Toxicity Units (total)				

Criteria: NYSDEC SED - CLASS A
U - Not Detected
J - Estimated Concentration
R - Rejected
NA - Not available
Dup - Field Duplicate Sample
Detections are bolded.
Class A Exceedances are bolded & highlighted yellow
Class C SGV exceedances are bolded & highlighted orange
Red font indicates Toxicity Units exceed 1.0

Table 9
Screening of Sediment for Metals

Chemical Name	NYSDEC Freshwater Sediment Guidelines		Sample ID:	BG-SD-1 (0.0-0.5)_112114	BG-SD-2 (0.0-0.5)_112114	BG-SD-3 (0.0-0.5)_112114	BG-SD-4 (0.0-0.5)_112114	BG-SD-5 (0.0-0.5)_112114
			Sample Date:	11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014
	Class A	Class C	Depth Interval:	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
				Parking Lot Swale				
Metals								
ALUMINUM	NG	NG	mg/kg	5750	4190	4270	2910	10100
ANTIMONY	NG	NG	mg/kg	0.51 J	< 0.97 UJ	< 1.0 UJ	< 1.1 UJ	< 1.2 UJ
ARSENIC	**10**	**33**	mg/kg	6.0	2.3	2.4	4.3	4.7
BARIUM	NG	NG	mg/kg	89.9	93.3	55.8	647	101
BERYLLIUM	NG	NG	mg/kg	0.39 J	0.17 J	0.19 J	0.15 J	0.49
CADMIUM	**1**	**5**	mg/kg	1.3	0.14 J	0.21 J	0.22 J	0.46 J
CALCIUM	Nutrient	NG	mg/kg	120000	159000	116000	184000	35900
CHROMIUM, TOTAL	**43**	**110**	mg/kg	17.9	8.2	13.8	7.1	16.4
COBALT	NG	NG	mg/kg	6.4 J	2.1 J	2.3 J	2.4 J	7.7
COPPER	**32**	**150**	mg/kg	54.3 J	7.4 J	8.5 J	6.2 J	19.5 J
IRON	NG	NG	mg/kg	13600	6640	6480	5610	17100
LEAD	**36**	**130**	mg/kg	159 J	19.5 J	24.4 J	13.9 J	33.2 J
MAGNESIUM	Nutrient	NG	mg/kg	13900	50200	32500	50000	11000
MANGANESE	NG	NG	mg/kg	304	163	146	194	383
MERCURY	**0.2**	**1**	mg/kg	0.13	0.028 J	0.033 J	0.023 J	0.049
NICKEL	**23**	**49**	mg/kg	22.6	5.6	6.7	6.1	18.6
POTASSIUM	Nutrient	NG	mg/kg	1270	857	720	793	1660
SELENIUM	NG	NG	mg/kg	0.38 J	< 0.97 U	< 1.0 U	< 1.1 U	< 1.2 U
SILVER	**1**	**2.2**	mg/kg	1.0	< 0.49 U	< 0.51 U	< 0.55 U	< 0.60 U
SODIUM	Nutrient	NG	mg/kg	115 J	179 J	129 J	160 J	69.3 J
THALLIUM	NG	NG	mg/kg	< 1.3 U	0.43 J	0.33 J	0.76 J	< 1.2 U
VANADIUM	NG	NG	mg/kg	18.8	10.0	11.6	7.8	20.2
ZINC	**120**	**460**	mg/kg	170	41.3	51.0	269	80.0

Notes:

1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) Sample Type N = normal sample, FD = duplicate sample

Exceedance of NYSDEC Class A sediment guidelines indicated by yellow shading.

NG = No sediment guidance value

Table 9
Screening of Sediment for Metals

Chemical Name	NYSDEC Freshwater Sediment Guidelines		BG-SD-6 (0.0-0.5)_112114	BG-SD-7 (0.0-0.5)_112114	BG-SD-8 (0.0-0.5)_112114	BG-SD-9 (0.0-0.5)_112114	BG-SD-10 (0.0-0.5)_112114
			11/21/2014	11/21/2014	11/21/2014	11/21/2014	11/21/2014
	Class A	Class C	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
			Western Landfill Margin				
Metals							
ALUMINUM	NG	NG	14800	14800	3440	5180	6930
ANTIMONY	NG	NG	< 1.8 UJ	< 1.3 UJ	1.4 J	0.56 J	< 3.0 UJ
ARSENIC	**10**	**33**	6.5	11.5	39.2	9.6	13.3
BARIUM	NG	NG	136	131	107	86.0	106
BERYLLIUM	NG	NG	0.89	1.1	0.44 J	0.35 J	0.48 J
CADMIUM	**1**	**5**	2.4	0.86	4.3	3.1	1.2
CALCIUM	Nutrient	NG	98800	38200	89700	23600	49200
CHROMIUM, TOTAL	**43**	**110**	28.4	26.4	14.5	13.7	16.2
COBALT	NG	NG	11.8	12.1	24.3 J	8.8 J	8.9 J
COPPER	**32**	**150**	60.1 J	47.6 J	52.1 J	24.5 J	21.0 J
IRON	NG	NG	21500	24700	15800	15700	30400
LEAD	**36**	**130**	65.2 J	53.6 J	18.3 J	33.0 J	17.8 J
MAGNESIUM	Nutrient	NG	13500	11900	3460	3160	4680
MANGANESE	NG	NG	262	263	802	349	1980
MERCURY	**0.2**	**1**	0.15	0.21	0.12 J	0.32	0.079 J
NICKEL	**23**	**49**	31.5	31.4	1630	59.9	14.9
POTASSIUM	Nutrient	NG	2700	2440	1340 J	1540 J	1600
SELENIUM	NG	NG	0.58 J	0.56 J	7.4	2.5 J	1.6 J
SILVER	**1**	**2.2**	< 0.88 U	< 0.65 U	< 2.8 U	< 1.6 U	< 1.5 U
SODIUM	Nutrient	NG	332 J	130 J	215 J	105 J	133 J
THALLIUM	NG	NG	0.30 J	< 1.3 U	< 5.5 U	< 3.1 U	< 3.0 U
VANADIUM	NG	NG	38.9	35.5	19.4	14.2	16.8
ZINC	**120**	**460**	167	131	215	190	146

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in milligrams per kilogram (mg/kg)
4) Sample Type N = normal sample, FD = duplicate sample

Exceedance of NYSDEC Class A sediment guidelines indicated by ye

NG = No sediment guidance value

Table 10
VOCs in Groundwater and Pore Water

Chemical Name	AWQS	Location ID:	A1	B2	D1	E1	F2	H1	I1	I100	J1	K1	TR-05	TR-06	TR-09D	TR-09D	TR-15	TR-16	TR-17	TR-18
		Sample Date:	10/23/2014	10/23/2014	10/23/2014	10/27/2014	10/27/2014	10/24/2014	10/24/2014	10/24/2014	10/27/2014	10/27/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014
		Sample ID:	A1_102314	B2_102314	D1_102314	E1_102714	F2_1027114	H1_102414	I1_102414	I100_102414	J1_1027114	K1_1027114	TR-05_120314	TR-06_1204114	TR-09D_120314	TR-09D-FD_120314	TR-15_1204114	TR-16_120314	TR-17_120314	TR-18_120314
		Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
VOC's																				
1,1,1,2-TETRACHLOROETHANE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
1,1,1-TRICHLOROETHANE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	**5.5**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
1,1,2,2-TETRACHLOROETHANE	5	ug/l	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	R	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-TRICHLOROETHANE	**1**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROETHANE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	**27.6**	0.83 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROETHENE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	2.8	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**81.1**	< 1.0 U	< 1.0 U	**2430**	**20.5**	< 1.0 U	< 1.0 U
1,1-DICHLOROPROPENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
1,2,3-TRICHLOROBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	3.4 J	< 5.0 UJ	< 5.0 UJ	R	< 5.0 UJ	< 5.0 UJ	< 5.0 UJ
1,2,3-TRICHLOROPROPANE	0.04	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-TRICHLOROBENZENE	**5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	**33.0**	< 5.0 UJ	< 5.0 UJ	2.7 J	< 5.0 UJ	< 5.0 UJ	< 5.0 UJ
1,2,4-TRIMETHYLBENZENE	**5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**71.1**	< 5.0 U	< 5.0 U	**37.4 J**	< 5.0 U	< 5.0 U	< 5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.0006	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROBENZENE	**3**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**258**	< 1.0 U	< 1.0 U	**46.6 J**	**3.9**	< 1.0 U	< 1.0 U
1,2-DICHLOROETHANE	0.6	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROPROPANE	1	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	R	< 2.0 U	< 2.0 U	< 2.0 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**39.3**	< 5.0 U	< 5.0 U	**10.2 J**	< 5.0 U	< 5.0 U	< 5.0 U
1,3-DICHLOROBENZENE	**3**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**28.4**	< 1.0 U	< 1.0 U	0.41 J	< 1.0 U	< 1.0 U	< 1.0 U
1,3-DICHLOROPROPANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
1,4-DICHLOROBENZENE	**3**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**171**	< 1.0 U	< 1.0 U	**4.9 J**	< 1.0 U	< 1.0 U	< 1.0 U
2,2-DICHLOROPROPANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
2-CHLOROTOLUENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
4-CHLOROTOLUENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
BENZENE	**1**	ug/l	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	**3.7**	< 0.50 U	< 0.50 U	**43.8 J**	0.54	< 0.50 U	< 0.50 U
BROMOBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
BROMOCHLOROMETHANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
BROMODICHLOROMETHANE	50	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
BROMOFORM	50	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
BROMOMETHANE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 UJ	< 2.0 U	< 2.0 U	R	< 2.0 U	< 2.0 U	< 2.0 U
CARBON TETRACHLORIDE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**73.4 J**	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROBENZENE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**16.0**	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROETHANE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	R	< 2.0 U	< 2.0 U	< 2.0 U
CHLOROFORM	7	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	0.78 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROMETHANE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	R	< 2.0 U	< 2.0 U	< 2.0 U
CIS-1,2-DICHLOROETHYLENE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	**174**	**32.5**	< 1.0 U	< 1.0 U	< 1.0 U	0.53 J	< 1.0 U	0.49 J	**3730**	2.6	2.8	**792000**	**3800**	**66.4**	< 1.0 U
CYMENE	**5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**13.6**	< 5.0 U	< 5.0 U	1.3 J	< 5.0 U	< 5.0 U	< 5.0 U
DIBROMOCHLOROMETHANE	50	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
DIBROMOMETHANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
DICHLORODIFLUOROMETHANE	**5**	ug/l	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 U	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.0 U	0.78 J	< 2.0 U	< 2.0 U	**65.1 J**	0.87 J	< 2.0 U	< 2.0 U
ETHYLBENZENE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**70.1**	< 1.0 U	< 1.0 U	**140 J**	< 1.0 U	< 1.0 U	< 1.0 U
HEXACHLOROBUTADIENE	0.5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
ISOPROPYLBENZENE (CUMENE)	**5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3.9 J	< 5.0 U	< 5.0 U	**5.3 J**	< 5.0 U	< 5.0 U	< 5.0 U
M,P-XYLENE (SUM OF ISOMERS)	NE	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	287	< 1.0 U	< 1.0 U	350 J	< 1.0 U	< 1.0 U	< 1.0 U
METHYLENE CHLORIDE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	R	< 2.0 U	< 2.0 U	< 2.0 U
NAPHTHALENE	**10**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**48.2**	< 5.0 U	< 5.0 U	9.2 J	< 5.0 U	< 5.0 U	< 5.0 U
N-BUTYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	4.3 J	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
N-PROPYLBENZENE	**5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	3.5 J	< 5.0 U	< 5.0 U	**6.1 J**	< 5.0 U	< 5.0 U	< 5.0 U
O-XYLENE (1,2-DIMETHYLBENZENE)	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**272**	< 1.0 U	< 1.0 U	**138 J**	< 1.0 U	< 1.0 U	< 1.0 U
SEC-BUTYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	1.6 J	< 5.0 U	< 5.0 U	0.70 J	< 5.0 U	< 5.0 U	< 5.0 U
STYRENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
T-BUTYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	0.83 J	< 5.0 U	< 5.0 U	R	< 5.0 U	< 5.0 U	< 5.0 U
TERT-BUTYL METHYL ETHER	10	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	R	< 1.0 U	< 1.0 U	< 1.0 U
TETRACHLOROETHYLENE(PCE)	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**27.1 J**	< 1.0 U	< 1.0 U	< 1.0 U
TOLUENE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.37 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**1340**	< 1.0 U	< 1.0 U	**14600**	< 1.0 U	< 1.0 U	< 1.0 U
TRANS-1,2-DICHLOROETHENE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	1.3	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**32.0**	< 1.0 U	< 1.0 U	**509**	**62.1**	**5.9**	< 1.0 U
TRICHLOROETHYLENE (TCE)	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	**13.9**	2.2	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**359**	< 1.0 U	< 1.0 U	**692000**	**98.9**	3.3	< 1.0 U
TRICHLOROFLUOROMETHANE	**5**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**208 J**	< 1.0 U	< 1.0 U	< 1.0 U
VINYL CHLORIDE	**2**	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**5.6**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**4090 J**	< 1.0 U	< 1.0 U	**21600**	**438**	0.57 J	< 1.0 U
TOTAL VOCs-CALC	NE	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	**226**	**41.1**	0.37	< 5.0 U	< 5.0 U	0.53	< 5.0 U	0.49	**11000**	2.6	2.8	**1520000**	**4420**	**76.2**	< 5.0 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result is rejected due to serious deficiencies.

Table 10
VOCs in Groundwater and Pore Water

Chemical Name	AWQS	TR-19 12/4/2014 TR-19_1204114 N	TR-20 12/5/2014 TR-20_120514 N	TR-21 12/4/2014 TR-21_1204114 N	TR-22 12/4/2014 TR-22_120514 N	TR-23 12/5/2014 TR-23_120514 N	TR-24 12/3/2014 TR-24_120314 N	TR-25D 12/3/2014 TR-25D_120314 N	TR-26D 12/4/2014 TR-26D_1204114 N	TR-27D 12/2/2014 TR-27D_120214 N	TR-28D 12/5/2014 TR-28D_120514 N	TR-29D 12/4/2014 TR-29D_120514 N
VOC's												
1,1,1,2-TETRACHLOROETHANE	5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1,1-TRICHLOROETHANE	**5**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1,2,2-TETRACHLOROETHANE	5	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-TRICHLOROETHANE	**1**	**1.8**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROETHANE	**5**	4.9	< 1.0 U	0.50 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROETHENE	**5**	**945**	< 1.0 U	**25.7**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROPROPENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,3-TRICHLOROBENZENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,3-TRICHLOROPROPANE	0.04	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-TRICHLOROBENZENE	**5**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-TRIMETHYLBENZENE	**5**	< 5.0 U	< 5.0 U	< 5.0 U	**137**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.0006	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROBENZENE	**3**	< 1.0 U	< 1.0 U	< 1.0 U	**31.2**	< 1.0 U	< 1.0 U	0.75 J	< 1.0 U	< 1.0 U	0.45 J	< 1.0 U
1,2-DICHLOROETHANE	0.6	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROPROPANE	1	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	**5**	< 5.0 U	< 5.0 U	< 5.0 U	**40.0**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,3-DICHLOROBENZENE	**3**	< 1.0 U	< 1.0 U	< 1.0 U	0.73 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,3-DICHLOROPROPANE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,4-DICHLOROBENZENE	**3**	< 1.0 U	< 1.0 U	< 1.0 U	**9.4**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2,2-DICHLOROPROPANE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
2-CHLOROTOLUENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
4-CHLOROTOLUENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
BENZENE	**1**	**17.9**	< 0.50 U	**2.6**	**4.6**	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
BROMOBENZENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
BROMOCHLOROMETHANE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
BROMODICHLOROMETHANE	50	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
BROMOFORM	50	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
BROMOMETHANE	5	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.0 UJ	< 2.0 U	< 2.0 UJ	< 2.0 UJ
CARBON TETRACHLORIDE	**5**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROBENZENE	**5**	0.38 J	< 1.0 U	< 1.0 U	**204**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.31 J	< 1.0 U
CHLOROETHANE	5	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
CHLOROFORM	7	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROMETHANE	5	< 2.0 U	< 2.0 UJ	< 2.0 U	< 2.0 UJ	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 UJ	< 2.0 UJ
CIS-1,2-DICHLOROETHYLENE	**5**	**181000**	**16.7**	**8360**	1.8	< 1.0 U	< 1.0 U	0.52 J	< 1.0 U	< 1.0 U	< 1.0 U	**16.2**
CYMENE	**5**	< 5.0 U	< 5.0 U	< 5.0 U	**6.0**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
DIBROMOCHLOROMETHANE	50	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
DIBROMOMETHANE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
DICHLORODIFLUOROMETHANE	**5**	**58.7 J**	< 2.0 U	4.8 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 UJ	< 2.0 U	< 2.0 U	< 2.0 U
ETHYLBENZENE	**5**	2.5	< 1.0 U	< 1.0 U	**261**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
HEXACHLOROBUTADIENE	0.5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
ISOPROPYLBENZENE (CUMENE)	**5**	< 5.0 U	< 5.0 U	< 5.0 U	**32.9**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
M,P-XYLENE (SUM OF ISOMERS)	NE	0.41 J	< 1.0 U	< 1.0 U	797	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
METHYLENE CHLORIDE	5	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
NAPHTHALENE	**10**	< 5.0 U	< 5.0 UJ	< 5.0 U	**54.9 J**	< 5.0 UJ	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 UJ	< 5.0 UJ
N-BUTYLBENZENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
N-PROPYLBENZENE	**5**	< 5.0 U	< 5.0 U	< 5.0 U	**19.3**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
O-XYLENE (1,2-DIMETHYLBENZENE)	**5**	1.4	< 1.0 U	< 1.0 U	1.5	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SEC-BUTYLBENZENE	5	< 5.0 U	< 5.0 U	< 5.0 U	3.9 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
STYRENE	5	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
T-BUTYLBENZENE	5	< 5.0 U	< 5.0 U	< 5.0 U	0.75 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
TERT-BUTYL METHYL ETHER	10	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.96 J
TETRACHLOROETHYLENE(PCE)	**5**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TOLUENE	**5**	**529**	< 1.0 U	< 1.0 U	0.89 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	0.89 J
TRANS-1,2-DICHLOROETHENE	**5**	**126**	< 1.0 U	**69.0**	1.2	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TRICHLOROETHYLENE (TCE)	**5**	**27.7**	**5.6**	**2340**	0.98 J	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	**14.4**
TRICHLOROFLUOROMETHANE	**5**	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
VINYL CHLORIDE	**2**	**36900 J**	**15.1 J**	**3600 J**	< 1.0 UJ	< 1.0 UJ	< 1.0 U	< 1.0 U	< 1.0 UJ	< 1.0 U	< 1.0 UJ	0.83 J
TOTAL VOCs-CALC	NE	**220000**	**37.4**	**14400**	**1610**	< 5.0 U	< 5.0 U	1.3	< 5.0 U	< 5.0 U	0.76	**33.3**

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result is rejected due to serious deficiencies.

Table 11
PCBs and SVOCs in Groundwater and Pore Water

Chemical Name	AWQS	Location ID:	A1	E1	F2	H1	I1	I100	J1	K1	TR-05	TR-06	TR-09D	TR-09D	TR-15	TR-16	TR-17	TR-18	TR-19	TR-20
		Sample Date:	10/23/2014	10/27/2014	10/27/2014	10/24/2014	10/24/2014	10/24/2014	10/27/2014	10/27/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/5/2014
		Sample ID:	A1_102314	E1_102714	F2_1027114	H1_102414	I1_102414	I100_102414	J1_1027114	K1_1027114	TR-05_120314	TR-06_1204114	TR-09D_120314	TR-09D-FD_120314	TR-15_1204114	TR-16_120314	TR-17_120314	TR-18_120314	TR-19_1204114	TR-20_120514
		Sample Type:	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
PCB's																				
PCB-1016 (AROCLOR 1016)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	< 0.30 U	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB-1221 (AROCLOR 1221)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	< 0.30 U	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB-1232 (AROCLOR 1232)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	< 0.30 U	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB-1242 (AROCLOR 1242)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	< 0.30 U	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB-1248 (AROCLOR 1248)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	< 0.30 U	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB-1254 (AROCLOR 1254)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	0.35 J	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB-1260 (AROCLOR 1260)	NE	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	< 0.30 U	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
PCB, TOTAL	**0.09**	ug/l	< 0.28 U	< 0.26 U	< 0.25 U	< 0.26 U	< 0.29 U	< 0.26 U	< 0.26 U	< 0.27 U	< 0.25 U	**0.35**	< 0.26 U	< 0.26 U	< 0.31 U	< 0.32 U	< 0.28 U	< 0.28 U	< 0.32 U	< 0.29 U
SVOC's																				
1,2,4-TRICHLOROBENZENE	**5**	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	**13.8**	< 5.1 U	< 5.1 U	3.3 J	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
1,2-DICHLOROBENZENE	**3**	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	**232**	< 5.1 U	< 5.1 U	**38.4**	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
1,3-DICHLOROBENZENE	**3**	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	**19.2**	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
1,4-DICHLOROBENZENE	**3**	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	**122**	< 5.1 U	< 5.1 U	**3.4 J**	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
2,4,5-TRICHLOROPHENOL	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2,4,6-TRICHLOROPHENOL	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2,4-DICHLOROPHENOL	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2,4-DIMETHYLPHENOL	50	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	32.8	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2,4-DINITROPHENOL	10	ug/l	< 20 U	< 24 U	< 20 U	< 20 U	< 22 U	< 22 U	< 20 U	< 20 U	< 20 U	< 24 U	< 20 U	< 20 U	< 20 U	< 20 U	< 28 U	< 22 U	< 24 U	< 27 U
2,4-DINITROTOLUENE	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2,6-DINITROTOLUENE	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2-CHLORONAPHTHALENE	10	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
2-CHLOROPHENOL	NE	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
2-METHYLNAPHTHALENE	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	13.3	< 2.0 U	< 2.0 U	1.7 J	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
2-METHYLPHENOL (O-CRESOL)	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	71.1	< 10 U	< 10 U	2.1 J	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2-NITROANILINE	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
2-NITROPHENOL	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
3,3'-DICHLOROBENZIDINE	5	ug/l	< 5.1 U	< 5.9 UJ	< 5.1 UJ	R	R	R	< 5.1 UJ	< 5.1 UJ	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
3-NITROANILINE	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
4,6-DINITRO-2-METHYLPHENOL	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
4-BROMOPHENYL PHENYL ETHER	NE	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
4-CHLORO-3-METHYLPHENOL	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
4-CHLOROANILINE	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
4-CHLOROPHENYL PHENYL ETHER	NE	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
4-METHYLPHENOL (P-CRESOL)	NE	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	31.3	< 10 U	< 10 U	32.1	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
4-NITROANILINE	5	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
4-NITROPHENOL	NE	ug/l	< 20 UJ	< 24 U	< 20 U	< 20 UJ	< 22 UJ	< 22 UJ	< 20 U	< 20 U	< 20 U	< 24 UJ	< 20 U	< 20 U	< 20 UJ	< 20 UJ	< 28 U	< 22 U	< 24 UJ	< 27 U
ACENAPHTHENE	20	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	3.6	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
ACENAPHTHYLENE	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
ANTHRACENE	50	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	3.1	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
BENZO(A)ANTHRACENE	0.002	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
BENZO(A)PYRENE	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
BENZO(B)FLUORANTHENE	0.002	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
BENZO(G,H,I)PERYLENE	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
BENZO(K)FLUORANTHENE	0.002	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
BENZYL BUTYL PHTHALATE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
BIS(2-CHLOROETHOXY) METHANE	5	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 UJ	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 UJ	< 6.7 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
BIS(2-CHLOROISOPROPYL) ETHER	5	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
BIS(2-ETHYLHEXYL) PHTHALATE	5	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
CARBAZOLE	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	20.2	< 2.0 U	< 2.0 U	1.2 J	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
CHRYSENE	0.002	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
DIBENZ(A,H)ANTHRACENE	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
DIBENZOFURAN	NE	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	2.9	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
DIETHYL PHTHALATE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	0.70 J	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
DIMETHYL PHTHALATE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
DI-N-BUTYL PHTHALATE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
DI-N-OCTYLPHTHALATE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
FLUORANTHENE	50	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	1.9 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
FLUORENE	50	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	4.7	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
HEXACHLOROBENZENE	0.04	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
HEXACHLOROBUTADIENE	0.5	ug/l	< 5.1 UJ	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 UJ	< 5.1 U	< 5.1 U	< 5.0 UJ	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 UJ	< 6.7 U
HEXACHLOROCYCLOPENTADIENE	5	ug/l	< 10 UJ	< 12 U	< 10 U	< 10 UJ	< 11 UJ	< 11 UJ	< 10 U	< 10 U	< 10 UJ	< 12 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 14 UJ	< 11 UJ	< 12 UJ	< 13 U
HEXACHLOROETHANE	5	ug/l	< 5.1 UJ	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 UJ	< 5.1 U	< 5.1 U	< 5.0 UJ	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 UJ	< 6.7 U
INDENO(1,2,3-C,D)PYRENE	0.002	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
ISOPHORONE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
NAPHTHALENE	**10**	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	**47.6**	< 2.0 U	< 2.0 U	9.9	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
NITROBENZENE	0.4	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
N-NITROSODI-N-PROPYLAMINE	NE	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 UJ	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 UJ	< 6.7 UJ
N-NITROSODIPHENYLAMINE	50	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 U	< 5.4 U	< 5.6 U	< 5.1 U	< 5.1 U	< 5.0 U	< 6.0 U	< 5.1 U	< 5.1 U	< 5.0 U	< 5.1 U	< 6.9 U	< 5.6 U	< 6.1 U	< 6.7 U
PENTACHLOROPHENOL	1	ug/l	< 10 U	< 12 U	< 10 U	< 10 U	< 11 U	< 11 U	< 10 U	< 10 U	< 10 U	< 12 U	< 10 U	< 10 U	< 10 U	< 10 U	< 14 U	< 11 U	< 12 U	< 13 U
PHENANTHRENE	50	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	6.7	< 2.0 U	< 2.0 U	0.22 J	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U
PHENOL	**1**	ug/l	< 5.1 U	< 5.9 U	< 5.1 U	< 5.1 UJ	< 5.4 UJ	< 5.6 UJ	< 5.1 U	< 5.1 U	< 5.0 UJ	< 6.0 UJ	< 5.1 UJ	< 5.1 UJ	**15.6 J**	< 5.1 UJ	< 6.9 UJ	< 5.6 UJ	< 6.1 UJ	< 6.7 U
PYRENE	50	ug/l	< 2.0 U	< 2.4 U	< 2.0 U	< 2.0 U	< 2.2 U	< 2.2 U	< 2.0 U	< 2.0 U	< 2.0 U	1.2 J	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.8 U	< 2.2 U	< 2.4 U	< 2.7 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result is rejected due to serious deficiencies.

Table 11
PCBs and SVOCs in Groundwater and Pore Water

Chemical Name	AWQS	TR-21 12/4/2014 TR-21_1204114 N	TR-22 12/4/2014 TR-22_120514 N	TR-23 12/5/2014 TR-23_120514 N	TR-24 12/3/2014 TR-24_120314 N	TR-25D 12/3/2014 TR-25D_120314 N	TR-26D 12/4/2014 TR-26D_1204114 N	TR-27D 12/2/2014 TR-27D_120214 N	TR-28D 12/5/2014 TR-28D_120514 N	TR-29D 12/4/2014 TR-29D_120514 N
PCB's										
PCB-1016 (AROCLOR 1016)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB-1221 (AROCLOR 1221)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB-1232 (AROCLOR 1232)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB-1242 (AROCLOR 1242)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB-1248 (AROCLOR 1248)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB-1254 (AROCLOR 1254)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB-1260 (AROCLOR 1260)	NE	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
PCB, TOTAL	**0.09**	< 0.25 U	< 0.25 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.25 U	< 0.29 U	< 0.29 U
SVOC's										
1,2,4-TRICHLOROBENZENE	**5**	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
1,2-DICHLOROBENZENE	**3**	< 5.0 U	**17.7**	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
1,3-DICHLOROBENZENE	**3**	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
1,4-DICHLOROBENZENE	**3**	< 5.0 U	**3.7 J**	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
2,4,5-TRICHLOROPHENOL	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2,4,6-TRICHLOROPHENOL	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2,4-DICHLOROPHENOL	5	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2,4-DIMETHYLPHENOL	50	< 10 U	5.6 J	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2,4-DINITROPHENOL	10	< 20 U	< 24 U	< 29 UJ	< 20 U	< 25 UJ	< 21 U	< 20 UJ	< 25 U	< 27 U
2,4-DINITROTOLUENE	5	< 10 U	< 12 U	< 14 U	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2,6-DINITROTOLUENE	5	< 10 U	< 12 U	< 14 U	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2-CHLORONAPHTHALENE	10	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
2-CHLOROPHENOL	NE	< 5.0 U	< 5.9 U	< 7.1 UJ	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
2-METHYLNAPHTHALENE	NE	< 2.0 U	0.70 J	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
2-METHYLPHENOL (O-CRESOL)	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2-NITROANILINE	5	< 10 U	< 12 U	< 14 U	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
2-NITROPHENOL	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
3,3'-DICHLOROBENZIDINE	5	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
3-NITROANILINE	5	< 10 U	< 12 U	< 14 U	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
4,6-DINITRO-2-METHYLPHENOL	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
4-BROMOPHENYL PHENYL ETHER	NE	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
4-CHLORO-3-METHYLPHENOL	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
4-CHLOROANILINE	5	< 10 U	< 12 U	< 14 U	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
4-CHLOROPHENYL PHENYL ETHER	NE	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
4-METHYLPHENOL (P-CRESOL)	NE	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
4-NITROANILINE	5	< 10 U	< 12 U	< 14 U	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
4-NITROPHENOL	NE	< 20 UJ	< 24 U	< 29 UJ	< 20 UJ	< 25 UJ	< 21 UJ	< 20 U	< 25 U	< 27 U
ACENAPHTHENE	20	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
ACENAPHTHYLENE	NE	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
ANTHRACENE	50	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
BENZO(A)ANTHRACENE	0.002	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
BENZO(A)PYRENE	NE	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
BENZO(B)FLUORANTHENE	0.002	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
BENZO(G,H,I)PERYLENE	NE	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
BENZO(K)FLUORANTHENE	0.002	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
BENZYL BUTYL PHTHALATE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
BIS(2-CHLOROETHOXY) METHANE	5	< 5.0 UJ	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 UJ	< 5.1 U	< 6.3 U	< 6.7 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
BIS(2-CHLOROISOPROPYL) ETHER	5	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
BIS(2-ETHYLHEXYL) PHTHALATE	5	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	1.5 J	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
CARBAZOLE	NE	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
CHRYSENE	0.002	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
DIBENZ(A,H)ANTHRACENE	NE	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
DIBENZOFURAN	NE	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
DIETHYL PHTHALATE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
DIMETHYL PHTHALATE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
DI-N-BUTYL PHTHALATE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	35.3
DI-N-OCTYLPHTHALATE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
FLUORANTHENE	50	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
FLUORENE	50	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
HEXACHLOROBENZENE	0.04	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
HEXACHLOROBUTADIENE	0.5	< 5.0 UJ	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 UJ	< 5.1 U	< 6.3 U	< 6.7 U
HEXACHLOROCYCLOPENTADIENE	5	< 10 UJ	< 12 U	< 14 U	< 10 UJ	< 13 UJ	< 10 UJ	< 10 UJ	< 13 U	< 13 U
HEXACHLOROETHANE	5	< 5.0 UJ	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 UJ	< 5.1 U	< 6.3 U	< 6.7 U
INDENO(1,2,3-C,D)PYRENE	0.002	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
ISOPHORONE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
NAPHTHALENE	**10**	< 2.0 U	4.7	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
NITROBENZENE	0.4	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
N-NITROSODI-N-PROPYLAMINE	NE	< 5.0 UJ	< 5.9 UJ	< 6.8 UJ	< 5.0 U	< 6.3 UJ	< 5.2 UJ	< 5.1 U	< 6.3 UJ	< 6.7 UJ
N-NITROSODIPHENYLAMINE	50	< 5.0 U	< 5.9 U	< 6.8 U	< 5.0 U	< 6.3 UJ	< 5.2 U	< 5.1 U	< 6.3 U	< 6.7 U
PENTACHLOROPHENOL	1	< 10 U	< 12 U	< 14 UJ	< 10 U	< 13 UJ	< 10 U	< 10 U	< 13 U	< 13 U
PHENANTHRENE	50	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U
PHENOL	**1**	< 5.0 UJ	< 5.9 U	< 7.1 UJ	< 5.0 UJ	< 6.3 UJ	< 5.2 UJ	< 5.1 U	< 6.3 U	< 6.7 U
PYRENE	50	< 2.0 U	< 2.4 U	< 2.7 U	< 2.0 U	< 2.5 UJ	< 2.1 U	< 2.0 U	< 2.5 U	< 2.7 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result is rejected due to serious deficiencies.

Table 12
Total and Dissolved Metals in Groundwater and Pore Water

Chemical Name	AWQS	Location ID:	A1	E1	F2	H1	I1	I100	J1	K1	MW-09	MW-16D	TR-05	TR-06	TR-08	TR-09D	TR-09D	TR-10	TR-11_120114	TR-12	TR-13D
		Sample Date:	10/23/2014	10/27/2014	10/27/2014	10/24/2014	10/24/2014	10/24/2014	10/27/2014	10/27/2014	12/5/2014	12/5/2014	12/3/2014	12/4/2014	12/2/2014	12/3/2014	12/3/2014	12/2/2014	12/1/2014	12/1/2014	12/2/2014
		Sample ID:	A1_102314	E1_102714	F2_1027114	H1_102414	I1_102414	I100_102414	J1_1027114	K1_1027114	MW-09_120514	MW-16D_120514	TR-05_120314	TR-06_1204114	TR-08_120214	TR-09D_120314	TR-09D-FD_120314	TR-10_120214	TR-11_120114	TR-12_120114	TR-13D_120214
		Sample Type:	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Metals (Dissolved)																					
ALUMINUM	NE	ug/l	365 J	NS	< 200 U	22.0 J	14.2 J	< 200 U	25.0 J	< 200 U	< 200 U	56.2 J	< 200 U	17.8 J	49.2 J	21.5 J	17.6 J	32.0 J	18.5 J	57.8 J	59.1 J
ANTIMONY	3	ug/l	< 6.0 U	NS	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	3.0 J	3.0 J	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U
ARSENIC	**25**	ug/l	< 4.0 U	NS	< 4.0 U	13.8	5.7	5.3	< 4.0 U	4.3	< 4.0 U	2.6 J	< 4.0 U	10.7	< 4.0 U	20.9	18.4	2.6 J	< 4.0 U	12.8	< 4.0 U
BARIUM	1000	ug/l	97.2	NS	56.2	49.3 J	42.4 J	41.2 J	48.0 J	79.4	68.6	98.8	147	357	62.8	14.7 J	16.9 J	77.1	48.5 J	849	66.5
BERYLLIUM	3	ug/l	< 4.0 U	NS	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CADMIUM	5	ug/l	0.40 J	NS	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	4.4	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CALCIUM	NE	ug/l	86400	NS	99100	105000	87000	84100	86500	117000	74700	231000	152000	163000	117000	285000	272000	150000	89100	136000	77100
CHROMIUM, TOTAL	**50**	ug/l	1.2 J	NS	< 10 U	1.5 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	4.8 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	1.9 J
COBALT	NE	ug/l	< 50 U	NS	< 50 U	0.80 J	1.5 J	1.4 J	1.5 J	< 50 U	< 50 U	1.3 J	< 50 U	7.1 J	< 50 U	< 50 U	< 50 U	1.3 J	< 50 U	< 50 U	< 50 U
COPPER	200	ug/l	< 25 U	NS	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	3.6 J	< 25 U	4.9 J	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	17.0 J
IRON	**300**	ug/l	**350**	NS	14.1 J	**18000**	**9620**	**9420**	**4350**	**4880**	49.2 J	**343**	**1870**	**20800**	64.2 J	**3080**	**2810**	**2610**	45.2 J	**4900**	53.4 J
LEAD	**25**	ug/l	< 5.0 U	NS	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 15 U	< 15 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
MAGNESIUM	**35000**	ug/l	7820	NS	30400	**39800**	26500	25500	18400	14700	10900	30000	13800	20900	10600	**48600**	**50000**	14000	14800	**61000**	6320
MANGANESE	**300**	ug/l	174	NS	82.5	**2000**	**5200**	**5030**	**1380**	**1250**	9.0 J	198	**1030**	**630**	118	123	145	**1490**	178	**1550**	4.2 J
MERCURY	0.7	ug/l	< 0.20 UJ	NS	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
NICKEL	**100**	ug/l	1.6 J	NS	0.60 J	1.9 J	2.0 J	1.7 J	2.2 J	1.0 J	59.6	< 40 U	1.6 J	**250**	0.80 J	0.60 J	< 40 U	1.1 J	0.90 J	< 40 U	6.8 J
POTASSIUM	NE	ug/l	1560 J	NS	693 J	339 J	175 J	199 J	357 J	553 J	2210 J	8380	1630 J	2670 J	751 J	6940	6540	300 J	2440 J	23200	1080 J
SELENIUM	10	ug/l	< 10 U	NS	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	3.5 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
SILVER	50	ug/l	< 5.0 U	NS	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
SODIUM	**20000**	ug/l	**23600**	NS	17200	**61900**	**24600**	**24300**	**80600**	**72900**	**86700**	**32900**	**31800**	12000	**43700**	**39000**	**38300**	**38500**	17600	**370000**	3670 J
THALLIUM	**0.5**	ug/l	< 5.0 U	NS	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**2.0 J**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
VANADIUM	NE	ug/l	1.3 J	NS	< 10 U	1.7 J	< 10 U	0.80 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	0.80 J	< 10 U
ZINC	2000	ug/l	5.1 J	NS	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	5.4 J	< 20 U	15.0 J	8.2 J	40.6	5.8 J	5.3 J	5.4 J	< 20 U	5.7 J	< 20 U	10.6 J
Metals (Total)																					
ALUMINUM	NE	ug/l	2070	11500	3910	1000	760 J	3860 J	1210	1960	< 200 U	220	75.9 J	47.0 J	705	254 J	98.9 J	88.9 J	50.8 J	258	822
ANTIMONY	3	ug/l	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	2.6 J	2.4 J	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U
ARSENIC	**25**	ug/l	< 4.0 U	4.2	< 4.0 U	11.2	6.5 J	12.3 J	< 4.0 U	7.4	< 4.0 U	5.1	< 4.0 U	10.6	< 4.0 U	20.7 J	2.8 J	5.2	2.8 J	13.3	< 4.0 U
BARIUM	**1000**	ug/l	106	133	83.8	55.9	47.7 J	74.5	57.4	110	73.9	105	148	298	67.7	20.8 J	52.1 J	77.7	55.6	860	72.9
BERYLLIUM	**3**	ug/l	< 4.0 U	0.30 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CADMIUM	**5**	ug/l	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	**13.2**	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	0.50 J	< 4.0 U
CALCIUM	NE	ug/l	89500	159000	99500	93300	88600	88300	90700	137000	75600	237000	155000	168000	118000	260000 J	100000 J	149000	88400	137000	79100
CHROMIUM, TOTAL	**50**	ug/l	3.9 J	18.0	4.6 J	2.1 J	1.5 J	5.5 J	1.8 J	2.7 J	**418**	2.1 J	< 10 U	6.9 J	1.3 J	< 10 U	< 10 U	< 10 U	< 10 U	0.80 J	1.4 J
COBALT	NE	ug/l	1.3 J	5.5 J	1.3 J	1.3 J	1.7 J	3.6 J	2.2 J	1.6 J	1.4 J	1.3 J	< 50 U	9.5 J	< 50 U	< 50 U	< 50 U	1.3 J	1.0 J	< 50 U	< 50 U
COPPER	**200**	ug/l	4.4 J	20.8 J	< 25 U	< 25 U	< 25 U	4.1 J	< 25 U	< 25 U	8.8 J	24.1 J	< 25 U	8.5 J	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	26.2
IRON	**300**	ug/l	**2540**	**15600**	**4290**	**15700**	**10700**	**16700**	**5510**	**10500**	**2270**	**795**	**1840**	**5750**	**943**	**3100 J**	267 J	**4040**	**1500**	**5070**	**776**
LEAD	**25**	ug/l	< 5.0 U	9.2	4.6 J	< 5.0 U	< 5.0 U	2.6 J	< 5.0 U	< 5.0 U	< 5.0 U	2.8 J	< 5.0 U	< 5.0 U	< 5.0 U	< 15 U	< 10 U	< 5.0 U	< 5.0 U	< 5.0 U	2.0 J
MAGNESIUM	**35000**	ug/l	8670	**80100**	31400	34200	26900	28000	19700	19000	10900	30800	14100	21500	10900	**50000**	**61100**	13900	14800	**61900**	6960
MANGANESE	**300**	ug/l	244	216	139	**1650**	**5400**	**5320**	**1390**	**1810**	43.8	213	**1060**	**656**	152	149 J	28.4 J	**1290**	**788**	**1520**	18.7
MERCURY	**0.7**	ug/l	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
NICKEL	**100**	ug/l	3.9 J	19.6 J	5.2 J	3.2 J	2.4 J	6.6 J	3.6 J	3.4 J	**119**	8.1 J	1.6 J	**360**	1.2 J	0.80 J	0.90 J	0.90 J	1.1 J	0.80 J	1.9 J
POTASSIUM	NE	ug/l	2040 J	3590 J	1470 J	835 J	380 J	1090 J	413 J	642 J	2220 J	8640	1620 J	2510 J	980 J	6250	3880 J	319 J	2480 J	23600	1450 J
SELENIUM	10	ug/l	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	3.0 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
SILVER	50	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
SODIUM	**20000**	ug/l	**23000**	**66800**	17000	**53300**	**24800**	**24900**	**84300**	**151000**	**91500**	**33400**	**32300**	11200	**43100**	**37700**	**45300**	**35400**	17700	**372000**	3830 J
THALLIUM	**0.5**	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
VANADIUM	NE	ug/l	4.9 J	19.7	6.6 J	2.7 J	2.1 J	7.3 J	2.5 J	4.0 J	1.5 J	0.90 J	< 10 U	< 10 U	1.6 J	< 10 U	< 10 U	0.90 J	< 10 U	1.2 J	1.5 J
ZINC	**2000**	ug/l	21.1	47.1	16.8 J	6.5 J	< 20 U	16.1 J	5.5 J	10.9 J	9.2 J	19.4 J	7.7 J	218	7.2 J	6.2 J	9.4 J	7.0 J	6.7 J	6.7 J	14.4 J

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) NS = Not Sampled

Table 12
Total and Dissolved Metals in Groundwater and Pore Water

Chemical Name	AWQS	TR-14D 12/2/2014 TR-14D_120214 N	TR-15 12/4/2014 TR-15_1204114 N	TR-16 12/3/2014 TR-16_120314 N	TR-17 12/3/2014 TR-17_120314 N	TR-18 12/3/2014 TR-18_120314 N	TR-19 12/4/2014 TR-19_1204114 N	TR-20 12/5/2014 TR-20_120514 N	TR-21 12/4/2014 TR-21_1204114 N	TR-22 12/4/2014 TR-22_120514 N	TR-23 12/5/2014 TR-23_120514 N	TR-24 12/3/2014 TR-24_120314 N	TR-25D 12/3/2014 TR-25D_120314 N	TR-26D 12/4/2014 TR-26D_1204114 N	TR-27D 12/2/2014 TR-27D_120214 N	TR-28D 12/5/2014 TR-28D_120514 N	TR-29D 12/4/2014 TR-29D_120514 N
Metals (Dissolved)																	
ALUMINUM	NE	< 200 U	26.5 J	< 200 U	115 J	< 200 U	14.8 J	29800	17.8 J	< 200 U	< 200 U	< 200 U	< 200 U	14.8 J	28.3 J	1030	< 200 U
ANTIMONY	3	< 6.0 U	< 6.0 U	2.8 J	2.6 J	2.5 J	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	2.9 J	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U
ARSENIC	**25**	< 4.0 U	< 4.0 U	2.8 J	< 4.0 U	3.2 J	**37.7**	**31.8**	12.6	22.8	2.7 J	6.0	21.1	20.9	**38.0**	10.7	9.1
BARIUM	1000	50.0	109	51.1	94.2	293	449	477	59.9	839	126	176	117	132	265	47.2 J	38.3 J
BERYLLIUM	3	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	1.6 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CADMIUM	5	0.30 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	1.1 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	0.50 J	< 4.0 U	< 4.0 U
CALCIUM	NE	443000	301000	187000	282000	113000	198000	333000	160000	140000	230000	206000	166000	26100	83300	288000	135000
CHROMIUM, TOTAL	**50**	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	48.0	< 10 U	< 10 U	< 10 U	1.4 J	1.0 J	< 10 U	4.3 J	< 10 U	< 10 U
COBALT	NE	< 50 U	7.3 J	1.9 J	< 50 U	< 50 U	4.1 J	32.5 J	1.5 J	< 50 U	5.0 J	< 50 U	< 50 U	< 50 U	< 50 U	1.1 J	< 50 U
COPPER	200	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	81.1	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	4.5 J	< 25 U
IRON	**300**	< 100 U	**463**	**1900**	**1380**	**5230**	**10100**	**64600**	**7100**	**12500**	**1580**	**18300**	**1010**	52.1 J	**1170**	**2620**	154
LEAD	**25**	< 15 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**31.0**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 15 U	< 5.0 U
MAGNESIUM	**35000**	447 J	**110000**	**77200**	**68700**	15100	**113000**	**137000**	**83300**	**84600**	**88300**	**38100**	**89500**	**45800**	**47900**	**54600**	**50100**
MANGANESE	**300**	< 15 U	**3580**	**1670**	258	**1120**	**444**	**1450**	94.0	**338**	**2040**	**787**	48.8	12.3 J	42.6	235	91.4
MERCURY	0.7	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
NICKEL	**100**	9.2 J	14.2 J	5.0 J	1.4 J	1.5 J	8.6 J	80.1	**117**	< 40 U	< 40 U	6.9 J	0.80 J	< 40 U	16.9 J	< 40 U	1.5 J
POTASSIUM	NE	48200	775 J	772 J	74.7 J	297 J	1390 J	5980	1260 J	279 J	319 J	4230 J	3140 J	1870 J	1670 J	9560	5240
SELENIUM	10	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
SILVER	50	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
SODIUM	**20000**	**161000**	**48000**	**62800**	**32900**	**23100**	**102000**	13400	**78700**	**45200**	11600	16100	**56900**	**35200**	17400	**141000**	**174000**
THALLIUM	**0.5**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**1.8 J**	< 5.0 U	< 5.0 U	**1.5 J**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**2.3 J**	**1.8 J**
VANADIUM	NE	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	51.9	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	2.5 J	< 10 U
ZINC	2000	< 20 U	5.7 J	6.7 J	7.2 J	5.6 J	7.1 J	180	17.6 J	< 20 U	7.0 J	5.8 J	4.5 J	6.7 J	5.9 J	11.7 J	< 20 U
Metals (Total)																	
ALUMINUM	NE	81.1 J	45.9 J	27.5 J	13300	40.5 J	115 J	540000	144 J	2650	108 J	< 200 U	37.8 J	89.7 J	20200	4660	365
ANTIMONY	3	< 6.0 U	< 6.0 U	< 6.0 U	2.8 J	< 6.0 U	< 6.0 U	< 12 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U
ARSENIC	**25**	< 4.0 U	< 4.0 U	< 4.0 U	2.9 J	2.5 J	**36.9**	**301**	13.8	**32.4**	4.8	6.7	20.6	12.2	**46.8**	14.1	9.3
BARIUM	**1000**	56.3	108	52.5	119	294	446	**5460**	61.6	969	141	175	104	31.9 J	405	76.8	40.4 J
BERYLLIUM	**3**	< 4.0 U	< 4.0 U	< 4.0 U	1.0 J	< 4.0 U	< 4.0 U	**25.6**	< 4.0 U	0.20 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	0.80 J	0.20 J	< 4.0 U
CADMIUM	**5**	0.30 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 8.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	0.60 J	0.90 J	< 4.0 U	< 4.0 U
CALCIUM	NE	449000	299000	190000	286000	112000	196000	3930000	157000	155000	228000	204000	166000	10500	194000	329000	138000
CHROMIUM, TOTAL	**50**	< 10 U	< 10 U	2.4 J	2.5 J	< 10 U	< 10 U	**822**	< 10 U	6.3 J	< 10 U	< 10 U	< 10 U	0.90 J	25.9	7.4 J	1.3 J
COBALT	NE	< 50 U	7.2 J	2.0 J	0.70 J	< 50 U	4.4 J	550	1.7 J	2.4 J	4.7 J	< 50 U	< 50 U	< 50 U	12.0 J	4.7 J	< 50 U
COPPER	**200**	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U	**1240**	< 25 U	16.0 J	< 25 U	< 25 U	< 25 U	< 25 U	23.9 J	17.9 J	< 25 U
IRON	**300**	107	**468**	**1970**	**5630**	**5720**	**10100**	**1040000**	**7640**	**18700**	**3010**	**18900**	**1270**	192	**31300**	**11200**	**652**
LEAD	**25**	< 15 U	< 5.0 U	< 5.0 U	3.9 J	< 5.0 U	< 5.0 U	**499**	< 5.0 U	3.1 J	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	12.0	< 15 U	< 5.0 U
MAGNESIUM	**35000**	2250 J	**109000**	**78800**	**70600**	14900	**111000**	**1660000**	**83100**	**90900**	**87800**	**37400**	**88000**	23900	**87000**	**72400**	**51200**
MANGANESE	**300**	4.7 J	**3560**	**1710**	299	**1150**	**476**	**23700**	97.4	**486**	**1840**	**777**	49.6	4.6 J	**853**	**587**	104
MERCURY	**0.7**	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	**1.0**	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
NICKEL	**100**	9.3 J	13.9 J	13.0 J	2.8 J	1.0 J	8.3 J	**1360**	**120**	7.9 J	8.5 J	1.0 J	0.80 J	0.70 J	27.0 J	11.1 J	< 40 U
POTASSIUM	NE	48700	761 J	802 J	791 J	252 J	1370 J	67100	1280 J	1330 J	313 J	4150 J	2990 J	8170	8110	10200	5310
SELENIUM	10	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
SILVER	50	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
SODIUM	**20000**	**163000**	**46900**	**63400**	**32600**	**23500**	**101000**	**20500**	**77000**	**50500**	11500	16100	**57000**	**51200**	18900	**145000**	**174000**
THALLIUM	**0.5**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**6.0 J**	< 5.0 U	< 5.0 U	**1.5 J**	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	**1.9 J**	**2.1 J**
VANADIUM	NE	< 10 U	< 10 U	< 10 U	4.0 J	< 10 U	< 10 U	890	< 10 U	5.6 J	< 10 U	< 10 U	1.1 J	1.8 J	38.5	9.5 J	0.90 J
ZINC	**2000**	< 20 U	7.7 J	5.2 J	16.3 J	6.3 J	9.4 J	**2570**	17.5 J	29.1	< 20 U	6.7 J	4.8 J	12.2 J	68.7	34.8	9.4 J

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sam
7) NS = Not Sampled

Table 13
PCBs and VOCs in Surface Water

Chemical Name	AWQS	Location ID:	A1	F2	H1	I1	J1	K1
		Sample Date:	10/23/2014	10/27/2014	10/24/2014	10/24/2014	10/27/2014	10/27/2014
		Sample ID:	A1-SW_102314	F2-SW_1027114	H1-SW_102414	I1-SW_102414	J1-SW_1027114	K1-SW_1027114
		Sample Type:	N	N	N	N	N	N
PCB								
PCB, TOTAL	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1016 (AROCLOR 1016)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1221 (AROCLOR 1221)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1232 (AROCLOR 1232)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1242 (AROCLOR 1242)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1248 (AROCLOR 1248)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1254 (AROCLOR 1254)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
PCB-1260 (AROCLOR 1260)	NE	ug/l	< 0.26 U	< 0.27 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.28 U
VOC								
1,1,1,2-TETRACHLOROETHANE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1,1-TRICHLOROETHANE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1,2,2-TETRACHLOROETHANE	5	ug/l	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
1,1,2-TRICHLOROETHANE	1	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROETHANE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROETHENE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,1-DICHLOROPROPENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,3-TRICHLOROBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,3-TRICHLOROPROPANE	0.04	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-TRICHLOROBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2,4-TRIMETHYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.0006	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROBENZENE	3	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROETHANE	0.6	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,2-DICHLOROPROPANE	1	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,3-DICHLOROBENZENE	3	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
1,3-DICHLOROPROPANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
1,4-DICHLOROBENZENE	3	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
2,2-DICHLOROPROPANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
2-CHLOROTOLUENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
4-CHLOROTOLUENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
BENZENE	1	ug/l	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.50 U
BROMOBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
BROMOCHLOROMETHANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
BROMODICHLOROMETHANE	50	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
BROMOFORM	50	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
BROMOMETHANE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
CARBON TETRACHLORIDE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROBENZENE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROETHANE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
CHLOROFORM	7	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
CHLOROMETHANE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
CIS-1,2-DICHLOROETHYLENE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
CYMENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
DIBROMOCHLOROMETHANE	50	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
DIBROMOMETHANE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
DICHLORODIFLUOROMETHANE	5	ug/l	< 2.0 UJ	< 2.0 U	< 2.0 UJ	< 2.0 UJ	< 2.0 U	< 2.0 U
ETHYLBENZENE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
HEXACHLOROBUTADIENE	0.5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
ISOPROPYLBENZENE (CUMENE)	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
M,P-XYLENE (SUM OF ISOMERS)	NE	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
METHYLENE CHLORIDE	5	ug/l	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U	< 2.0 U
NAPHTHALENE	10	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
N-BUTYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
N-PROPYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SEC-BUTYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
STYRENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
T-BUTYLBENZENE	5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
TERT-BUTYL METHYL ETHER	10	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TETRACHLOROETHYLENE(PCE)	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TOLUENE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TRANS-1,2-DICHLOROETHENE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TRICHLOROETHYLENE (TCE)	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TRICHLOROFLUOROMETHANE	5	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
VINYL CHLORIDE	2	ug/l	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
TOTAL VOCS-CALC	NE	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) Sample Type N = normal sample, FD = duplicate sample
4) All units are in milligrams per kilogram (mg/kg)
5) NE = not established
6) MCP exceedances are bolded and highlighted

Table 14
SVOCs in Surface Water

Chemical Name	AWQS	Location ID:	A1	F2	H1	I1	J1	K1
		Sample Date:	10/23/2014	10/27/2014	10/24/2014	10/24/2014	10/27/2014	10/27/2014
		Sample ID:	A1-SW_102314	F2-SW_1027114	H1-SW_102414	I1-SW_102414	J1-SW_1027114	K1-SW_1027114
		Sample Type:	N	N	N	N	N	N
SVOC								
1,2,4-TRICHLOROBENZENE	5	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
1,2-DICHLOROBENZENE	3	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
1,3-DICHLOROBENZENE	3	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
1,4-DICHLOROBENZENE	3	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
2,4,5-TRICHLOROPHENOL	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2,4,6-TRICHLOROPHENOL	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2,4-DICHLOROPHENOL	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2,4-DIMETHYLPHENOL	50	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2,4-DINITROPHENOL	10	ug/l	< 20 U	< 20 U	< 23 U	< 21 U	< 22 U	< 22 U
2,4-DINITROTOLUENE	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2,6-DINITROTOLUENE	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2-CHLORONAPHTHALENE	10	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
2-CHLOROPHENOL	NE	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
2-METHYLNAPHTHALENE	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
2-METHYLPHENOL (O-CRESOL)	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2-NITROANILINE	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
2-NITROPHENOL	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
3,3'-DICHLOROBENZIDINE	5	ug/l	< 5.1 U	< 5.1 UJ	R	R	< 5.6 UJ	< 5.4 UJ
3-NITROANILINE	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
4,6-DINITRO-2-METHYLPHENOL	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
4-BROMOPHENYL PHENYL ETHER	NE	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
4-CHLORO-3-METHYLPHENOL	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
4-CHLOROANILINE	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
4-CHLOROPHENYL PHENYL ETHER	NE	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
4-METHYLPHENOL (P-CRESOL)	NE	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
4-NITROANILINE	5	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
4-NITROPHENOL	NE	ug/l	< 20 UJ	< 20 U	< 23 UJ	< 21 UJ	< 22 U	< 22 U
ACENAPHTHENE	20	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
ACENAPHTHYLENE	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
ANTHRACENE	50	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
BENZO(A)ANTHRACENE	0.002	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
BENZO(A)PYRENE	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
BENZO(B)FLUORANTHENE	0.002	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
BENZO(G,H,I)PERYLENE	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
BENZO(K)FLUORANTHENE	0.002	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
BENZYL BUTYL PHTHALATE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
BIS(2-CHLOROETHOXY) METHANE	5	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	1	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
BIS(2-CHLOROISOPROPYL) ETHER	5	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
BIS(2-ETHYLHEXYL) PHTHALATE	5	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
CARBAZOLE	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
CHRYSENE	0.002	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
DIBENZ(A,H)ANTHRACENE	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
DIBENZOFURAN	NE	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
DIETHYL PHTHALATE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
DIMETHYL PHTHALATE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
DI-N-BUTYL PHTHALATE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
DI-N-OCTYLPHTHALATE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
FLUORANTHENE	50	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
FLUORENE	50	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
HEXACHLOROBENZENE	0.04	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
HEXACHLOROBUTADIENE	0.5	ug/l	< 5.1 UJ	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
HEXACHLOROCYCLOPENTADIENE	5	ug/l	< 10 UJ	< 10 U	< 11 UJ	< 11 UJ	< 11 U	< 11 U
HEXACHLOROETHANE	5	ug/l	< 5.1 UJ	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
INDENO(1,2,3-C,D)PYRENE	0.002	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
ISOPHORONE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
NAPHTHALENE	10	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
NITROBENZENE	0.4	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
N-NITROSODI-N-PROPYLAMINE	NE	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
N-NITROSODIPHENYLAMINE	50	ug/l	< 5.1 U	< 5.1 U	< 5.7 U	< 5.3 U	< 5.6 U	< 5.4 U
PENTACHLOROPHENOL	1	ug/l	< 10 U	< 10 U	< 11 U	< 11 U	< 11 U	< 11 U
PHENANTHRENE	50	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U
PHENOL	1	ug/l	< 5.1 U	< 5.1 U	< 5.7 UJ	< 5.3 UJ	< 5.6 U	< 5.4 U
PYRENE	50	ug/l	< 2.0 U	< 2.0 U	< 2.3 U	< 2.1 U	< 2.2 U	< 2.2 U

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample
7) R = Sample result rejected due to serious insufficiences

Table 15
Total and Dissolved Metals in Surface Water

Chemical Name	AWQS	Location ID:	A1	F2	H1	I1	J1	K1
		Sample Date:	10/23/2014	10/27/2014	10/24/2014	10/24/2014	10/27/2014	10/27/2014
		Sample ID:	A1-SW_102314	F2-SW_1027114	H1-SW_102414	I1-SW_102414	J1-SW_1027114	K1-SW_1027114
		Sample Type:	N	N	N	N	N	N
Metals (Dissolved)								
ALUMINUM	NE	ug/l	< 200 U	< 200 U	< 200 U	< 200 U	106 J	< 200 U
ANTIMONY	3	ug/l	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U
ARSENIC	25	ug/l	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
BARIUM	1000	ug/l	76.8	63.7	30.4 J	17.1 J	51.0	116
BERYLLIUM	3	ug/l	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CADMIUM	5	ug/l	0.30 J	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CALCIUM	NE	ug/l	86700	97200	53300	37700	60100	66500
CHROMIUM, TOTAL	50	ug/l	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
COBALT	NE	ug/l	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
COPPER	200	ug/l	3.6 J	< 25 U	< 25 U	< 25 U	< 25 U	< 25 U
IRON	**300**	ug/l	10.1 J	23.2 J	85.0 J	**907**	**361**	**578**
LEAD	25	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
MAGNESIUM	35000	ug/l	7800	30800	8750	10600	7610	7060
MANGANESE	**300**	ug/l	161	130	142	**455**	125	**1090**
MERCURY	0.7	ug/l	< 0.20 UJ	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
NICKEL	100	ug/l	< 40 U	0.60 J	0.70 J	< 40 U	< 40 U	< 40 U
POTASSIUM	NE	ug/l	2820 J	2500 J	3850 J	6460	4400 J	1280 J
SELENIUM	10	ug/l	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
SILVER	50	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
SODIUM	**20000**	ug/l	**22800**	16700	13600	12200	11600	16400
THALLIUM	0.5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
VANADIUM	NE	ug/l	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
ZINC	2000	ug/l	< 20 U	4.9 J	< 20 U	< 20 U	< 20 U	5.7 J
Metals (Total)								
ALUMINUM	NE	ug/l	1590	3060	757	664	< 200 U	186 J
ANTIMONY	3	ug/l	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U	< 6.0 U
ARSENIC	25	ug/l	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
BARIUM	1000	ug/l	88.9	85.6	49.4 J	34.4 J	51.6	135
BERYLLIUM	3	ug/l	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U	< 4.0 U
CADMIUM	5	ug/l	0.30 J	< 4.0 U	< 4.0 U	0.30 J	< 4.0 U	< 4.0 U
CALCIUM	NE	ug/l	97800	95300	58000	40700	58200	67200
CHROMIUM, TOTAL	50	ug/l	3.3 J	3.9 J	3.9 J	2.0 J	< 10 U	1.4 J
COBALT	NE	ug/l	0.60 J	1.4 J	< 50 U	1.0 J	< 50 U	< 50 U
COPPER	200	ug/l	4.3 J	< 25 U	4.0 J	< 25 U	< 25 U	< 25 U
IRON	**300**	ug/l	**2070**	**3840**	**2390**	**4180**	161	**3590**
LEAD	25	ug/l	2.3 J	4.4 J	3.1 J	< 5.0 U	< 5.0 U	2.6 J
MAGNESIUM	35000	ug/l	9190	30800	9290	11300	7070	7290
MANGANESE	**300**	ug/l	248	**371**	**513**	**927**	55.4	**1360**
MERCURY	0.7	ug/l	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
NICKEL	100	ug/l	3.1 J	4.6 J	5.2 J	2.0 J	< 40 U	0.80 J
POTASSIUM	NE	ug/l	3150 J	2590 J	4820 J	6830	4470 J	1380 J
SELENIUM	10	ug/l	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
SILVER	50	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
SODIUM	**20000**	ug/l	**22300**	15300	13700	11700	8950	17000
THALLIUM	0.5	ug/l	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U	< 5.0 U
VANADIUM	NE	ug/l	5.3 J	5.6 J	2.2 J	1.8 J	< 10 U	1.2 J
ZINC	2000	ug/l	24.7	20.6	34.8	22.1	< 20 U	45.3

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in micrograms per liter (ug/l)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample

Table 16
Microbial Groundwater Data Summary

Chemical Name	AWQS	Location ID:	TR-05	TR-09D	TR-09D	TR-15	TR-16	TR-17	TR-18
		Sample Date:	12/3/2014	12/3/2014	12/3/2014	12/4/2014	12/3/2014	12/3/2014	12/3/2014
		Sample ID:	TR-05_120314	TR-09D_120314	TR-09D-FD_120314	TR-15_1204114	TR-16_120314	TR-17_120314	TR-18_120314
		Sample Type:	N	N	FD	N	N	N	N
Microbial									
BAV1 Vinyl Chloride Reductase	NE	cells/mL	< 0.50 U	< 0.50 U	NS	392	7180	< 7.7 U	< 0.50 U
Benzyl Succinate Synthase	NE	cells/mL	251	14.8	NS	893	41.7	9.9	22.3
Dehalococcoides	NE	cells/mL	738	473	NS	488	24900	219	1640
Phenol Hydroxylase	NE	cells/mL	655	73.7	NS	4150	96.4	606	697
Sulfate Reducing Bacteria	NE	cells/mL	1160000	261000	NS	7260	141000	320000	175000
tceA Reductase	NE	cells/mL	15.0	29.2	NS	< 0.50 U	0.5	18.2	72.3
Toluene Monooxygenase	NE	cells/mL	56.8	3.6	NS	19.1	62.6	151	20.3
Vinyl Chloride Reductase	NE	cells/mL	1.1	2.9	NS	< 0.50 U	196	< 7.7 U	8.5
Biological Activity Parameters									
Alkalinity, Total (As CaCO3)	NE	ug/l	458000	300000	290000	620000	692000	1010000	397000
Carbon Dioxide	NE	ug/l	178000	37800	29700	461000	270000	320000	86900
Chloride (As Cl)	NE	ug/l	24700	26200	26200	457000	86700	27700	6800
Ethane	NE	ug/l	< 10 U	< 10 U	< 10 U	33.0	3.9 J	< 10 U	< 10 U
Ethene	NE	ug/l	< 10 U	< 10 U	< 10 U	1160	7.7 J	< 10 U	< 10 U
Iron (Dissolved)	**300**	ug/l	**1870**	**3080**	**2810**	**463**	**1900**	**1380**	**5230**
Manganese (Dissolved)	**300**	ug/l	**1030**	123	145	**3580**	**1670**	258	**1120**
Nitrogen, Nitrate-Nitrite	NE	ug/l	< 100 U	570	570	< 100 U	< 100 U	< 100 U	17 J
Nitrogen, Nitrite	NE	ug/l	< 10 U	4.1 J	3.5 J	< 10 U	< 10 U	8.8 J	< 10 U
Sulfate (As SO4)	NE	ug/l	51300	281000	283000	58800	174000	65200	8300
Sulfide	NE	ug/l	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U

Chemical Name	AWQS	Location ID:	TR-19	TR-21	TR-24	TR-25D	TR-26D	TR-29D
		Sample Date:	12/4/2014	12/4/2014	12/3/2014	12/3/2014	12/4/2014	12/4/2014
		Sample ID:	TR-19_1204114	TR-21_1204114	TR-24_120314	TR-25D_120314	TR-26D_1204114	TR-29D_120514
		Sample Type:	N	N	N	N	N	N
Microbial								
BAV1 Vinyl Chloride Reductase	NE	cells/mL	39500	0.7	< 0.50 U	< 0.50 U	0.9	13.5
Benzyl Succinate Synthase	NE	cells/mL	1050	832	553	< 0	5.5	11.5
Dehalococcoides	NE	cells/mL	56600	382	258	< 0.50 U	12.5	194
Phenol Hydroxylase	NE	cells/mL	1410	140	764	3.7	18600	21300
Sulfate Reducing Bacteria	NE	cells/mL	147000	77900	125000	< 0	9610	3810
tceA Reductase	NE	cells/mL	< 0.50 U	< 0.50 U	2.8	< 0.50 U	0.7	< 0.50 U
Toluene Monooxygenase	NE	cells/mL	188	1.5	40.7	< 0	114	187
Vinyl Chloride Reductase	NE	cells/mL	4.9	< 0.50	0.1	< 0.50 U	< 0.50 U	0.2
Biological Activity Parameters								
Alkalinity, Total (As CaCO3)	NE	ug/l	727000	700000	716000	374000	186000	NS
Carbon Dioxide	NE	ug/l	400000	238000	306000	63600	6700	NS
Chloride (As Cl)	NE	ug/l	302000	77200	16200	272000	10300	NS
Ethane	NE	ug/l	31.1	44.6	< 10 U	< 10 U	< 10 U	NS
Ethene	NE	ug/l	563	421	< 10 U	< 10 U	< 10 U	NS
Iron (Dissolved)	**300**	ug/l	**10100**	**7100**	**18300**	**1010**	52.1 J	154
Manganese (Dissolved)	**300**	ug/l	444	94.0	787	48.8	12.3 J	91.4
Nitrogen, Nitrate-Nitrite	NE	ug/l	< 100 U	< 100 U	68 J	< 100 U	1100	NS
Nitrogen, Nitrite	NE	ug/l	< 10 U	< 10 U	3.5 J	< 10 U	2.1 J	NS
Sulfate (As SO4)	NE	ug/l	64200	82700	13700	157000	64900	NS
Sulfide	NE	ug/l	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	NS

Notes:
1) U or < = Non-detect at laboratory detection limit
2) J = Estimated Value
3) All units are in cells per milliliter (cells/mL)
4) NE = not established
5) Exceedances are bolded and highlighted
6) Sample Type N = normal sample, FD = duplicate sample

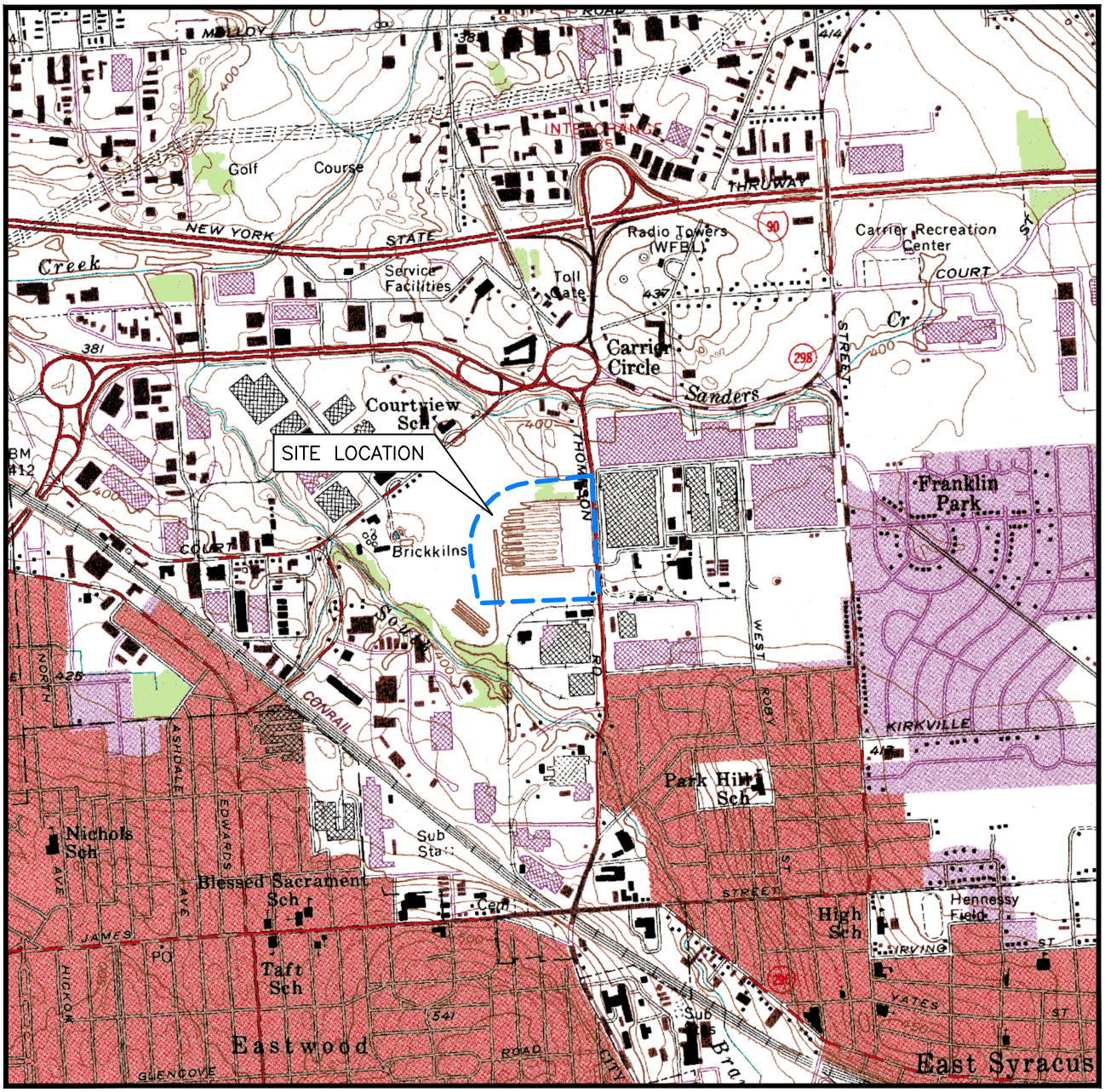
Table 17
Groundwater Field Parameters

Well ID	Date	Temperature (deg. C)	pH	Spec.Cond (uS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
Shallow Monitoring Wells							
TR-05	12/4/2014	10.66	7.47	0.636	1.15	30.6	29.2
TR-06	12/4/2014	9.41	6.57	0.843	0.41	-92.6	11
TR-08	12/2/2014	8.61	6.53	0.655	0.56	32.7	25
MW-09	12/5/2014	10.13	7.36	0.587	1.55	36.9	36.3
TR-10	12/2/2014	11.02	6.7	1.023	1.02	-65.1	33
TR-11	12/1/2014	10.95	6.78	0.537	1.45	45.1	10
TR-12	12/1/2014	13.73	7.87	2.225	0.95	-72.2	7.2
TR-15	12/4/2014	8.74	6.32	2.097	0.85	3.2	10
TR-16	12/3/2014	10.2	6.58	1.383	0.52	-81.7	34
TR-17	12/3/2014	10.54	6.57	1.506	0.53	-84.5	N/A
TR-18	12/3/2014	10.61	6.98	0.641	0.69	-117.5	13
TR-19	12/4/2014	9.94	6.6	1.833	0.47	-101.2	31
TR-20	12/5/2014	11.82	6.91	0.546	3.68	-76.9	532
TR-21	12/4/2014	9.43	7.29	1.004	0.65	-15.3	28.7
TR-22	12/4/2014	8.35	7.2	0.89	0.84	-14	10.2
TR-23	12/5/2014	9.17	6.47	1.327	0.86	-57.9	32
TR-24	12/3/2014	9.88	7.54	0.828	1.28	-21.5	7.12
Deep Monitoring Wells							
TR-09D	12/3/2014	10.61	7.77	1.167	0.85	-19.8	21.3
TR-13D	12/2/2014	9.75	7.98	0.276	5.51	127.8	27.4
TR-14D	12/2/2014	10.71	11.49	2.840	5.3	-114.1	25
MW-16D	12/5/2014	9.68	6.9	0.886	1.17	48.3	18.1
TR-25D	12/3/2014	9.95	7.12	1.307	0.37	-77.9	13
TR-26D	12/4/2014	8.22	8.48	0.305	7.45	113.6	13.7
TR-27D	12/2/2014	9.8	7.78	0.478	0.82	-37.1	1000
TR-28D	12/5/2014	8.14	7.18	1.736	0.63	-22.3	33
TR-29D	12/4/2014	6.31	7.38	1.42	0.53	-91.8	11

Notes:
1) deg. C = Degrees Celsius
2) uS/cm = MicroSiemens Per Centimeter
3) mg/L = Milligrams per Liter
4) mV = Millivolts
5) NTU = Nephelometric Turbidity Units

AECOM

Figures



NOTE: MAP DERIVED FROM U.S.G.S. 7.5 MINUTE TOPOGRAPHIC QUADRANGLE, SYRACUSE EAST, NY, DATED 1957, PHOTOREVISED 1978.

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 DATE: 4-17-2015

SITE LOCATION MAP
AOC G LANDFILL

AECOM

FIGURE 1-1

Map Reference:
Photo from NYS GIS Orthos Online.

LEGEND

- APPROXIMATE PROPERTY BOUNDARY (TAX MAP)
- SITE LIMITS
- CREEK
- DRAINAGE PATH AND DIRECTION
- WETLAND LINE

NORTH

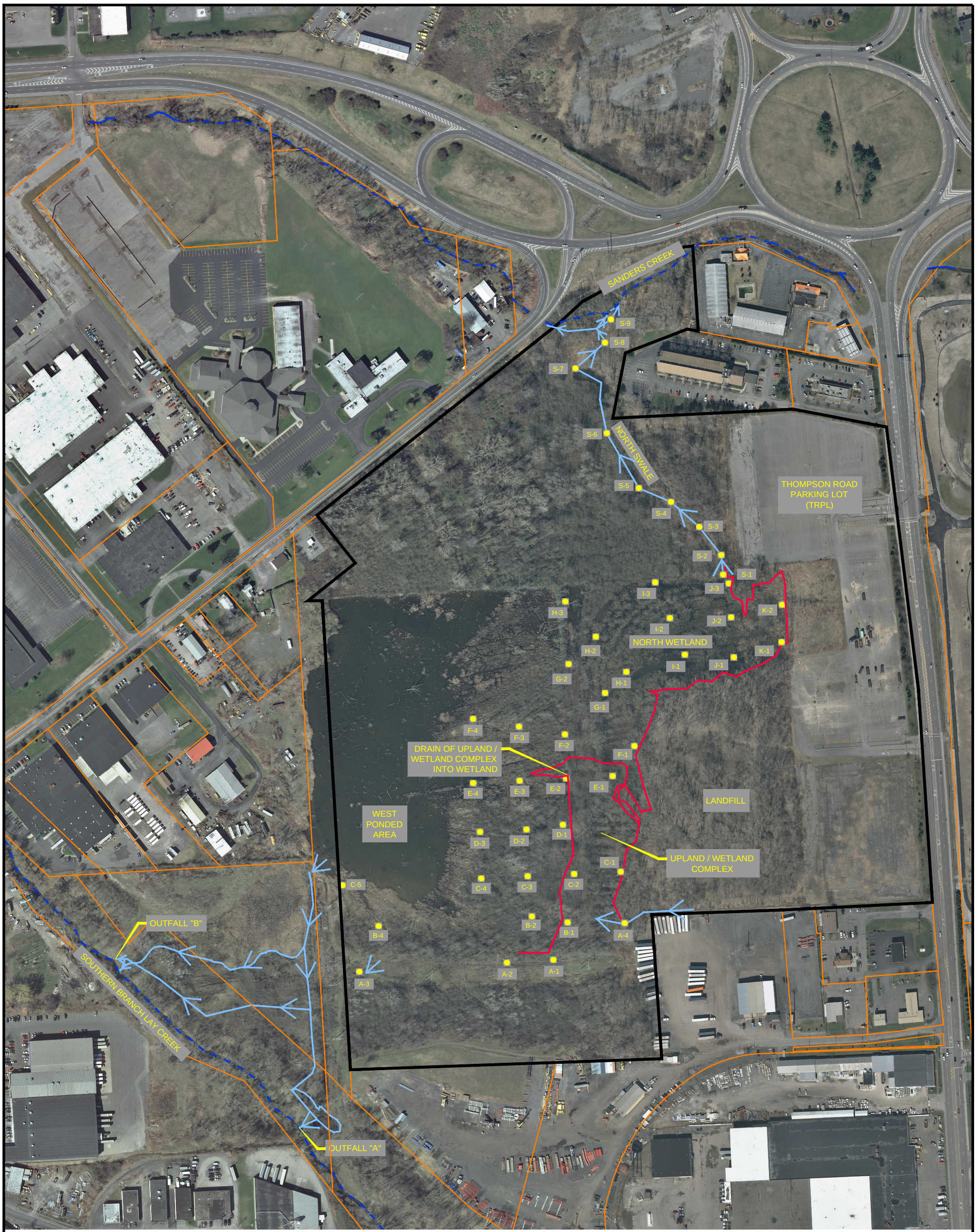
0' 75' 150' 300'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

PARCEL MAP AND DRAINAGE PATTERNS
AOC G LANDFILL

AECOM

FIGURE 2-1



Map Reference:
Photo from NYS GIS Orthos Online.

LEGEND

- APPROXIMATE PROPERTY BOUNDARY (TAX MAP)
- SITE LIMITS
- CREEK
- DRAINAGE PATH AND DIRECTION
- WETLAND LINE
- C-1 SEDIMENT / PORE WATER / SURFACE WATER SAMPLE LOCATION

NORTH

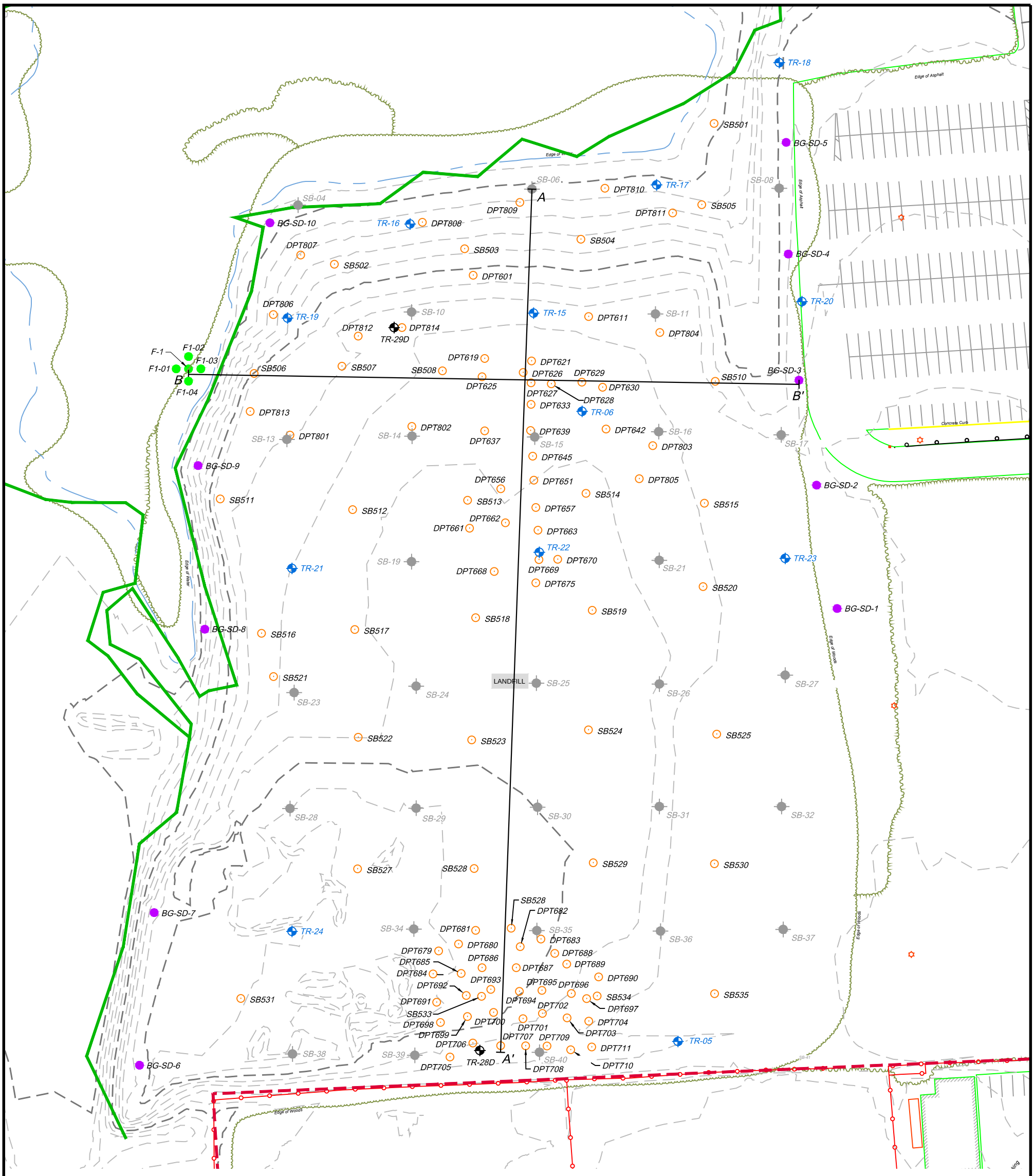
0' 75' 150' 300'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

PARCEL MAP AND WETLAND FEATURES
AOC G LANDFILL

AECOM

FIGURE 2-2



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- BG-SD-9 — Surface Sediment Sampling Location
- F-1 — Wetland Sediment Sampling Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

LEGEND:

- 400 — Major Contour
- 399 — Minor Contour
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Light Pole

PLAN

NORTH

0' 40' 80' 160'

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

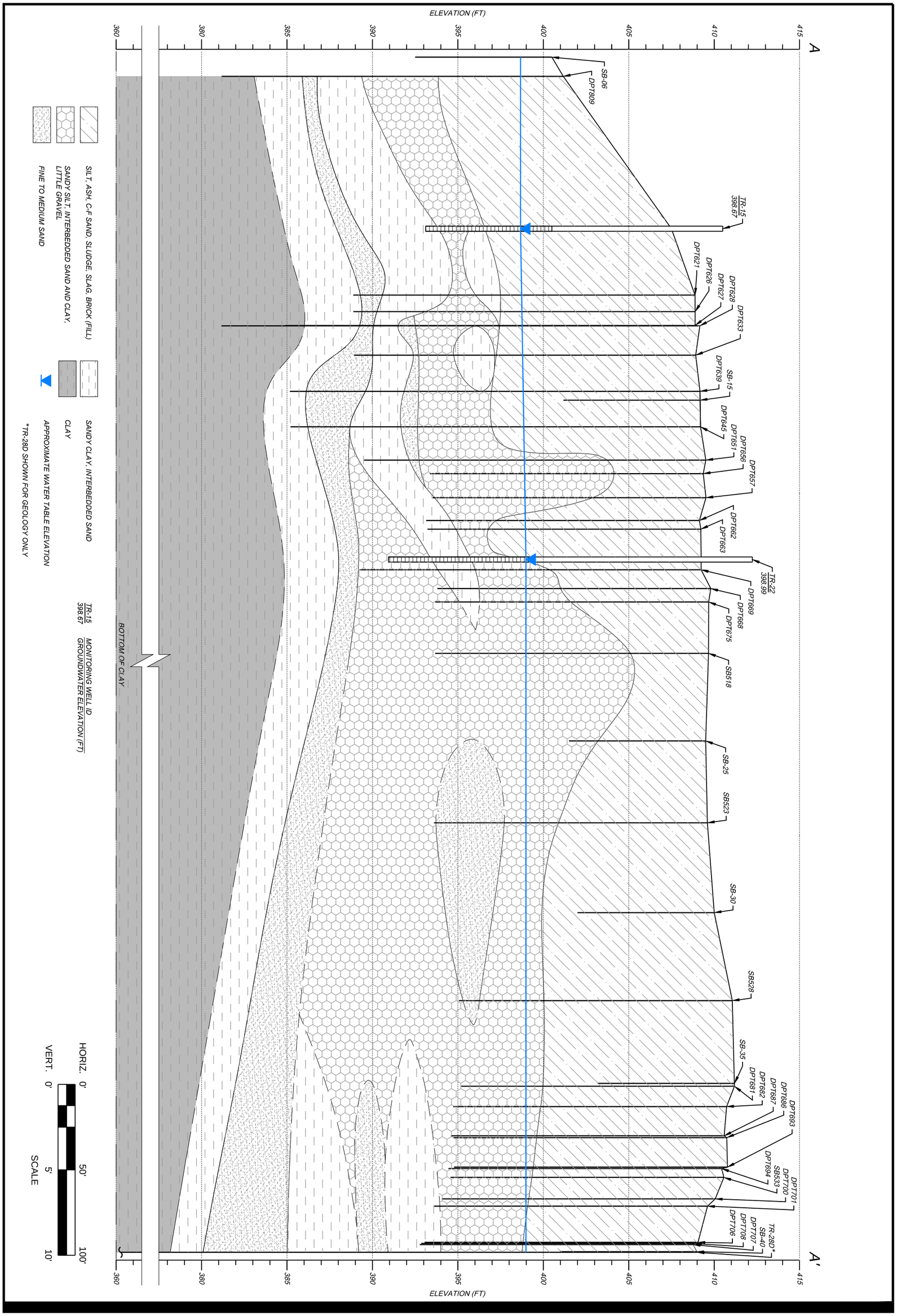
2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

SITE PLAN WITH CROSS SECTION LOCATIONS
AOC G LANDFILL

AECOM

FIGURE 3-1



CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

CROSS SECTION A-A'
AOC G LANDFILL

AECOM

FIGURE 4-1

B

B'

415
410
405
400
395
390
385
380
360

ELEVATION (FT)

F-1
SB506
SB507
SB508
DPT625
DPT619
DPT626
DPT627
DPT628
TR-06
400.93
DPT629
DPT630
SB510
BG-SD-3

BOTTOM OF CLAY

SILT, ASH, C-F SAND, SLUDGE, SLAG, BRICK (FILL)

SANDY SILT, INTERBEDDED SAND AND CLAY, LITTLE GRAVEL

FINE TO MEDIUM SAND

SANDY CLAY, INTERBEDDED SAND

CLAY

APPROXIMATE WATER TABLE ELEVATION

TR-06 / 400.93 — MONITORING WELL ID / GROUNDWATER ELEVATION (FT)

HORIZ. 0' 50' 100'

VERT. 0' 5' 10'

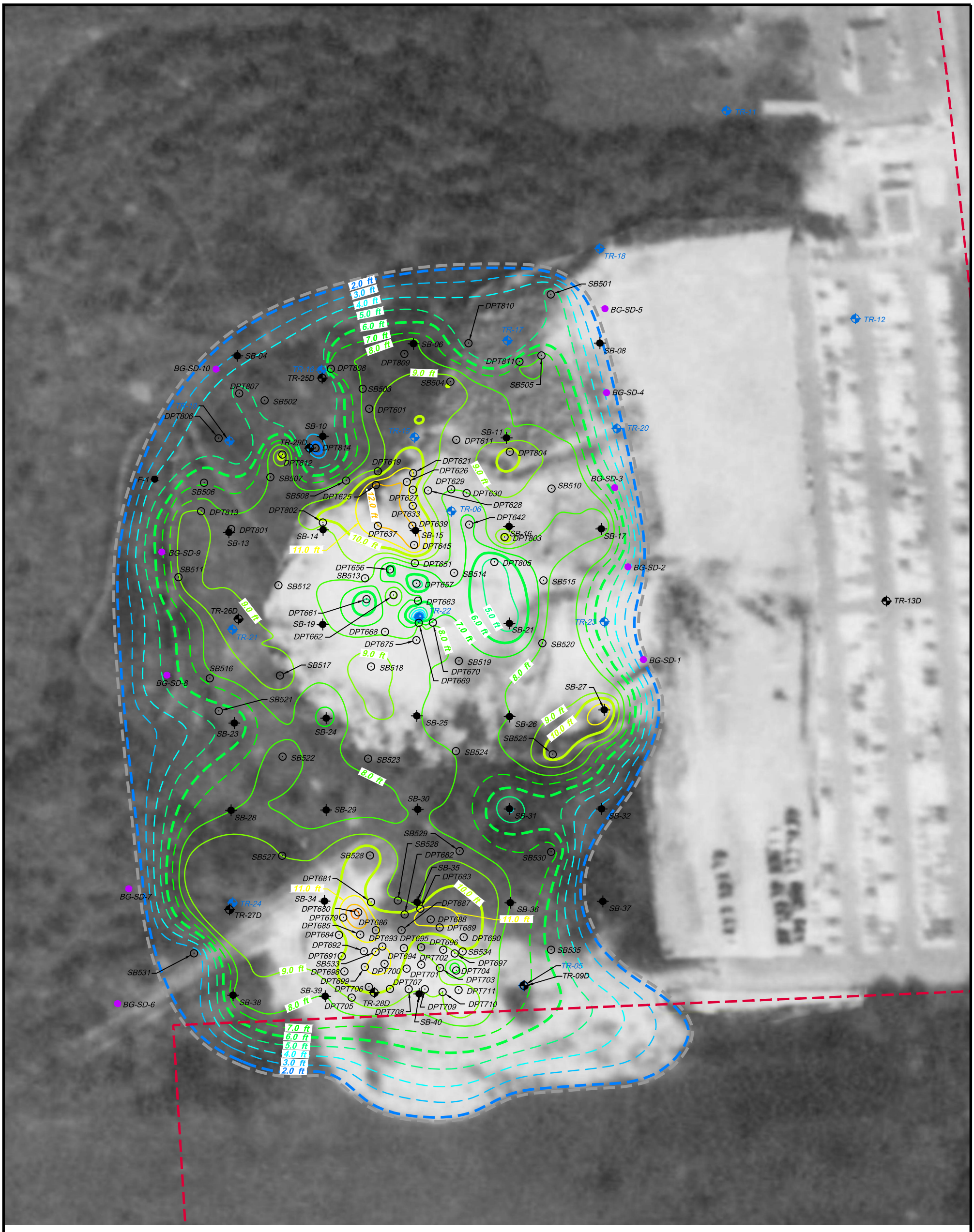
SCALE

AECOM

FIGURE 4-2

CROSS SECTION B-B'
AOC G LANDFILL

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015



KEY:

- Approximate Extent of Landfill
- Approximate Property Boundary (Tax Map)

Thickness of Landfilled Material

- 2.0 ft
- 3.0 ft
- 4.0 ft
- 5.0 ft
- 6.0 ft
- 7.0 ft
- 8.0 ft
- 9.0 ft
- 10.0 ft
- 11.0 ft
- 12.0 ft
- 13.0 ft

- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- BG-SD-9 — Surface Sediment Sampling Location
- F-1 — Wetland Sediment Sampling Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

PLAN

NORTH

0’ 50’ 100’ 200’

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

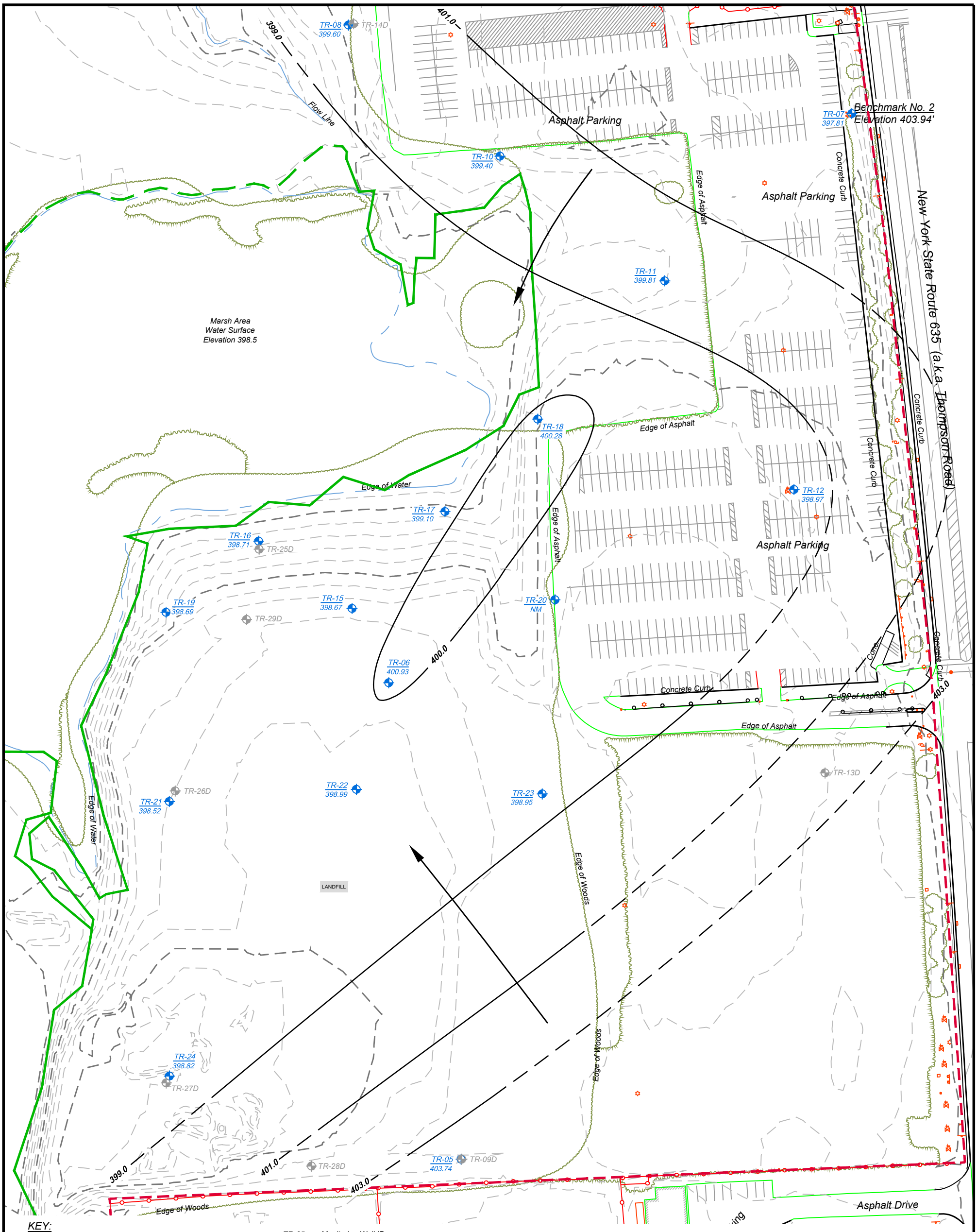
3) Photo from Cornell University Library, dated 6-22-1966.

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

THICKNESS OF LANDFILLED MATERIAL
AOC G LANDFILL

AECOM

FIGURE 4-3

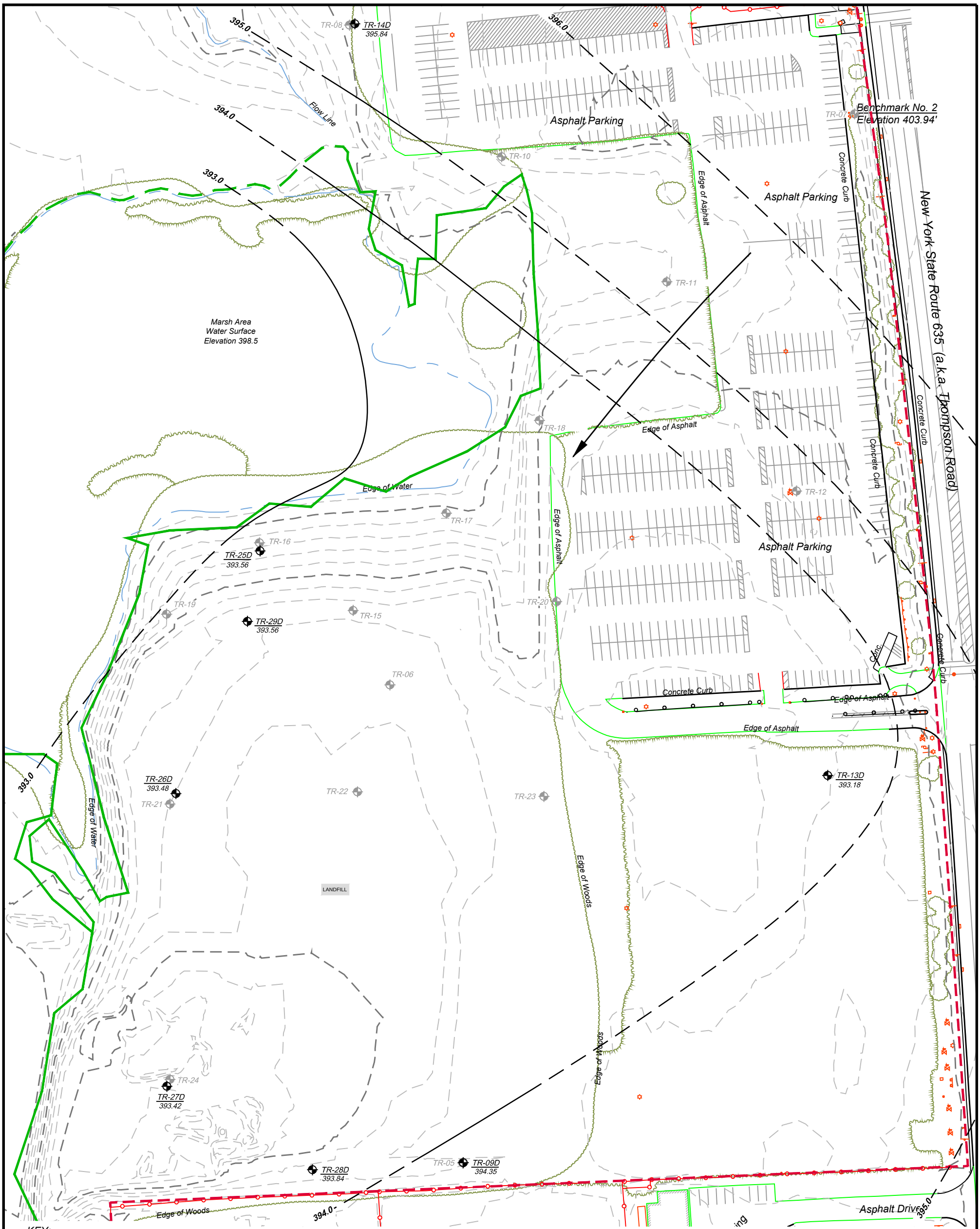


CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

SHALLOW GROUNDWATER CONTOUR MAP
AOC G LANDFILL

AECOM

FIGURE 4-4



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- TR-16 — Shallow Monitoring Well Location
- TR-29D — Deep Monitoring Well Location
- TR-09D 494.45 — Monitoring Well ID / Groundwater Elevation (ft)
- Groundwater Contour (Dashed where Inferred)
- Inferred Groundwater Flow Direction

PLAN

NORTH

Notes:

1. Groundwater elevations are relative to actual surveyed feet above mean sea level.
2. Monitoring wells shown in gray are shallow wells and were not considered for contouring purposes.

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

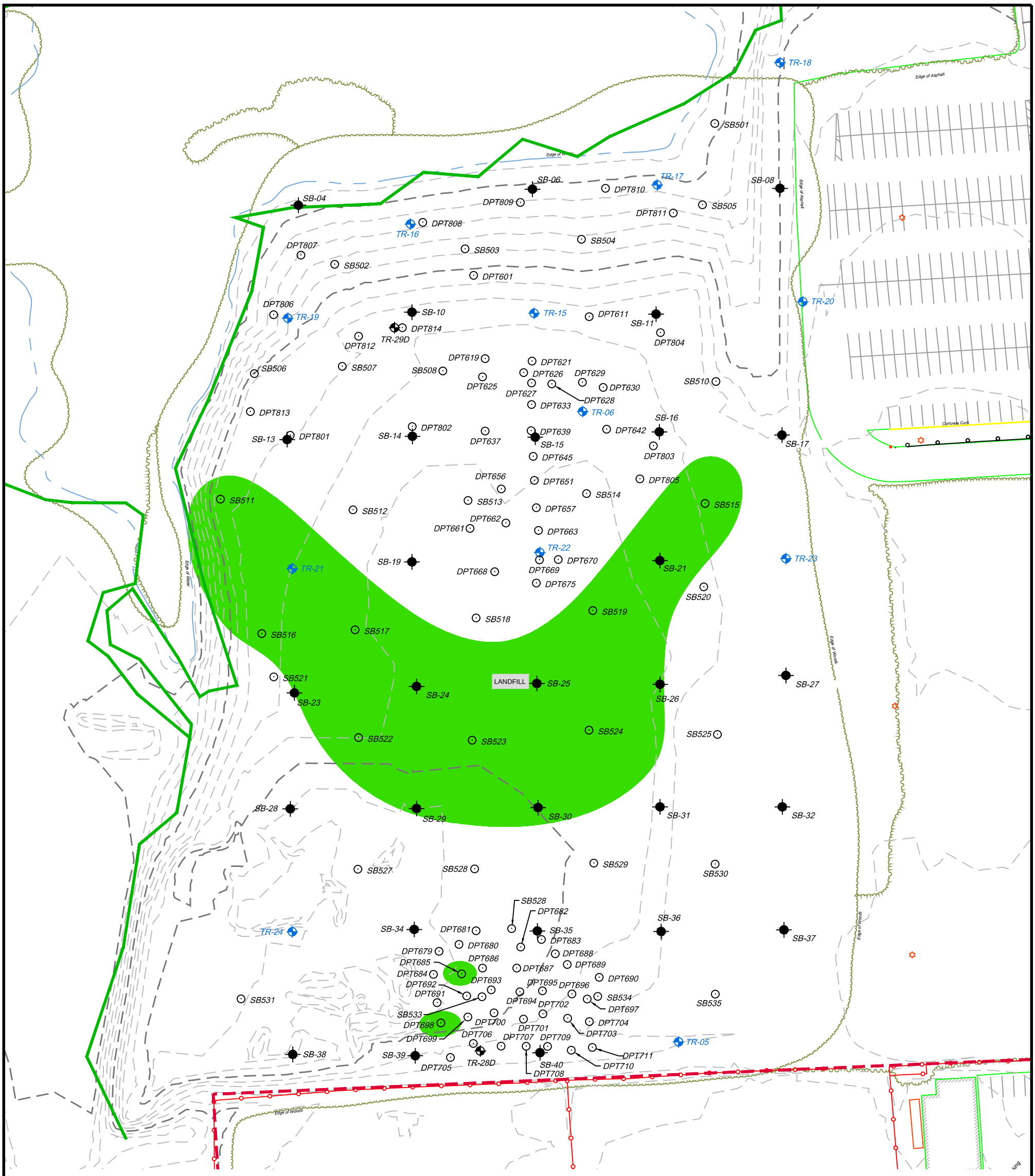
0' 50' 100' 200'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

DEEP GROUNDWATER CONTOUR MAP
AOC G LANDFILL

AECOM

FIGURE 4-5



KEY:

- *Approximate Property Boundary (Tax Map)*
- *Wetland line (dashed where inferred)*
- *DPT-706* — *Soil Boring / Sampling Location*
- *TR-29D* — *Deep Monitoring Well Location*
- *SB-04* — *Previous (EnSafe) Soil Boring / Sampling Location*
- *TR-16* — *Shallow Monitoring Well Location*

PLAN

NORTH

NOTE:

1. *Results shown in milligrams per kilogram (mg/kg).*
2. *Sample locations highlighted in green indicate values that exceed unrestricted use for one or more analytes in the criteria.*

LEGEND:

- *Major Contour* (400)
- *Minor Contour* (399)
- *Edge of Woods*
- *Edge of Water*
- *Guide Rail*
- *Chain Link Fence*
- *Water Valve*
- *Utility Pole*
- *Guy Wire*
- *Light Pole*
- *Tree*
- *Sign*
- *Post*

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

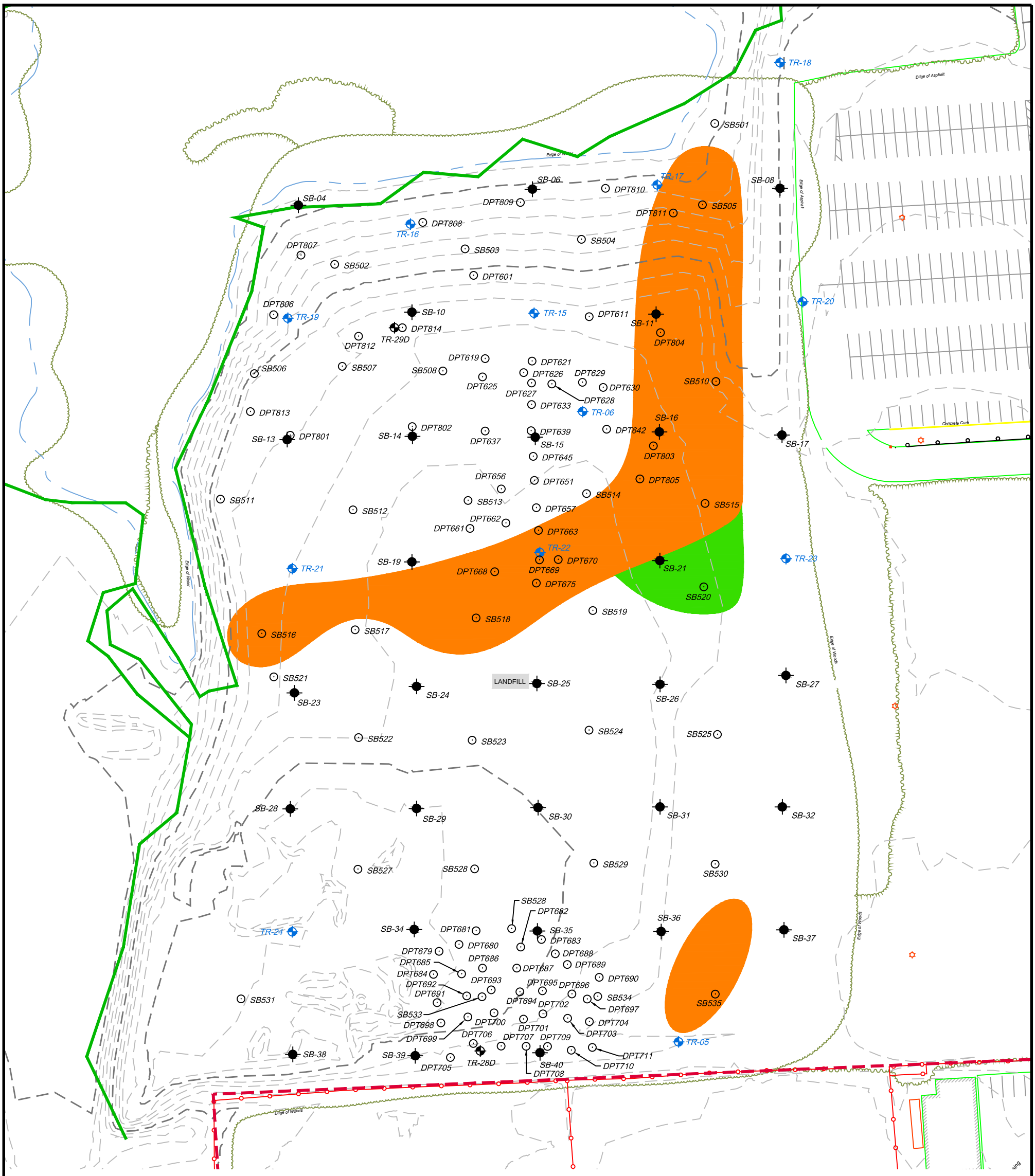
0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

VOC CONCENTRATION IN SURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-6



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

PLAN

NORTH

NOTE:

1. Results shown in milligrams per kilogram (mg/kg).
2. Sample locations highlighted in green indicate values that exceed unrestricted use for one or more analytes in the criteria.
3. Sample locations highlighted in orange indicate values that exceed industrial usefor one or more analytes in the criteria.

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

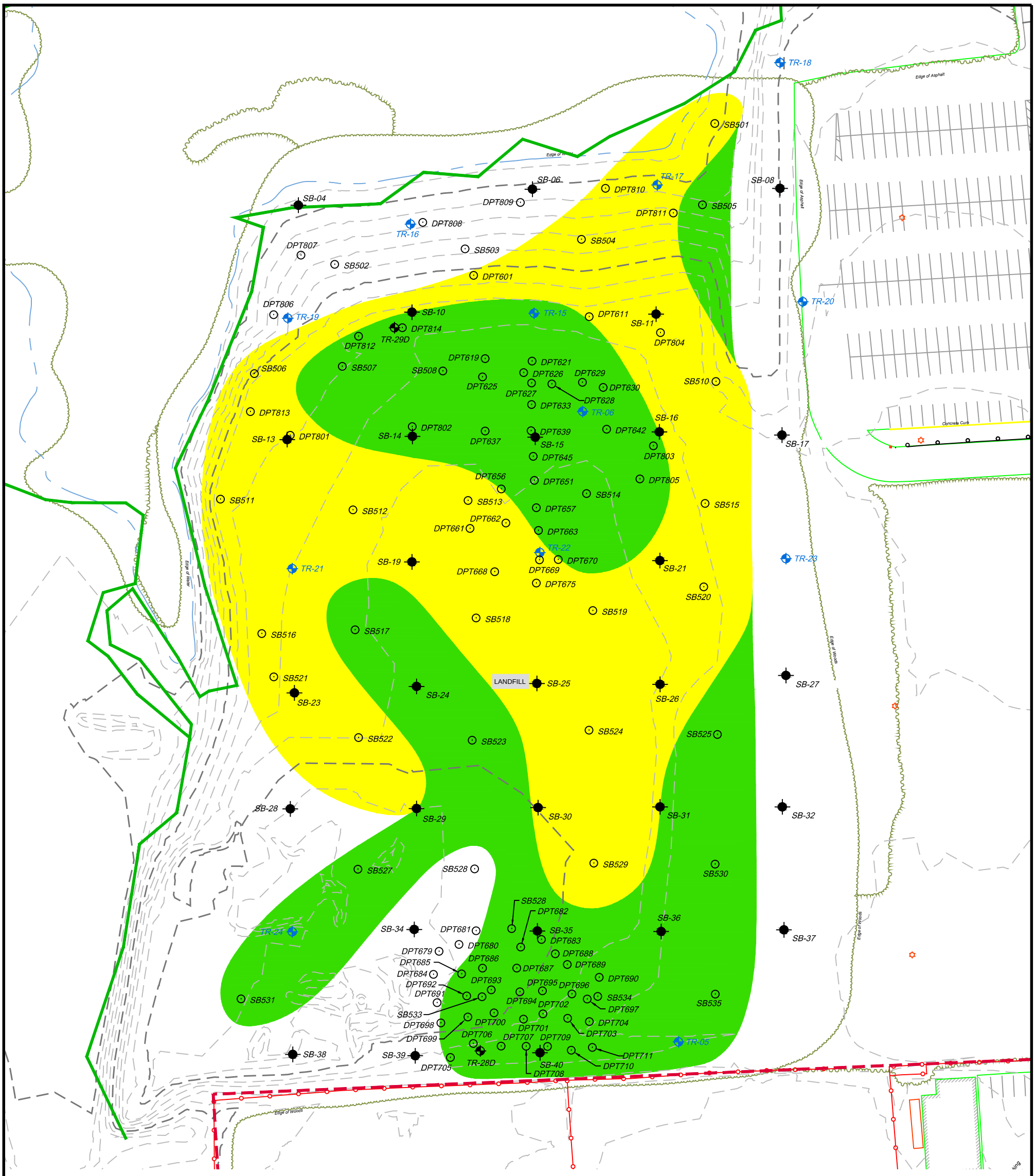
0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

SVOC CONCENTRATION IN SURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-7



KEY:

- *Approximate Property Boundary (Tax Map)*
- *Wetland line (dashed where inferred)*
- *DPT-706* — *Soil Boring / Sampling Location*
- *TR-29D* — *Deep Monitoring Well Location*
- *SB-04* — *Previous (EnSafe) Soil Boring / Sampling Location*
- *TR-16* — *Shallow Monitoring Well Location*

PLAN

NORTH

NOTE:

1. *Results shown in milligrams per kilogram (mg/kg).*
2. *Sample locations highlighted in green indicate values that exceed unrestricted use greater than 0.1 mg/kg.*
3. *Sample locations highlighted in yellow indicate values that exceed commercial use greater than 1 mg/kg.*

LEGEND:

- *Major Contour* (400)
- *Minor Contour* (399)
- *Edge of Woods*
- *Edge of Water*
- *Guide Rail*
- *Chain Link Fence*
- *Water Valve*
- *Utility Pole*
- *Guy Wire*
- *Light Pole*
- *Tree*
- *Sign*
- *Post*

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

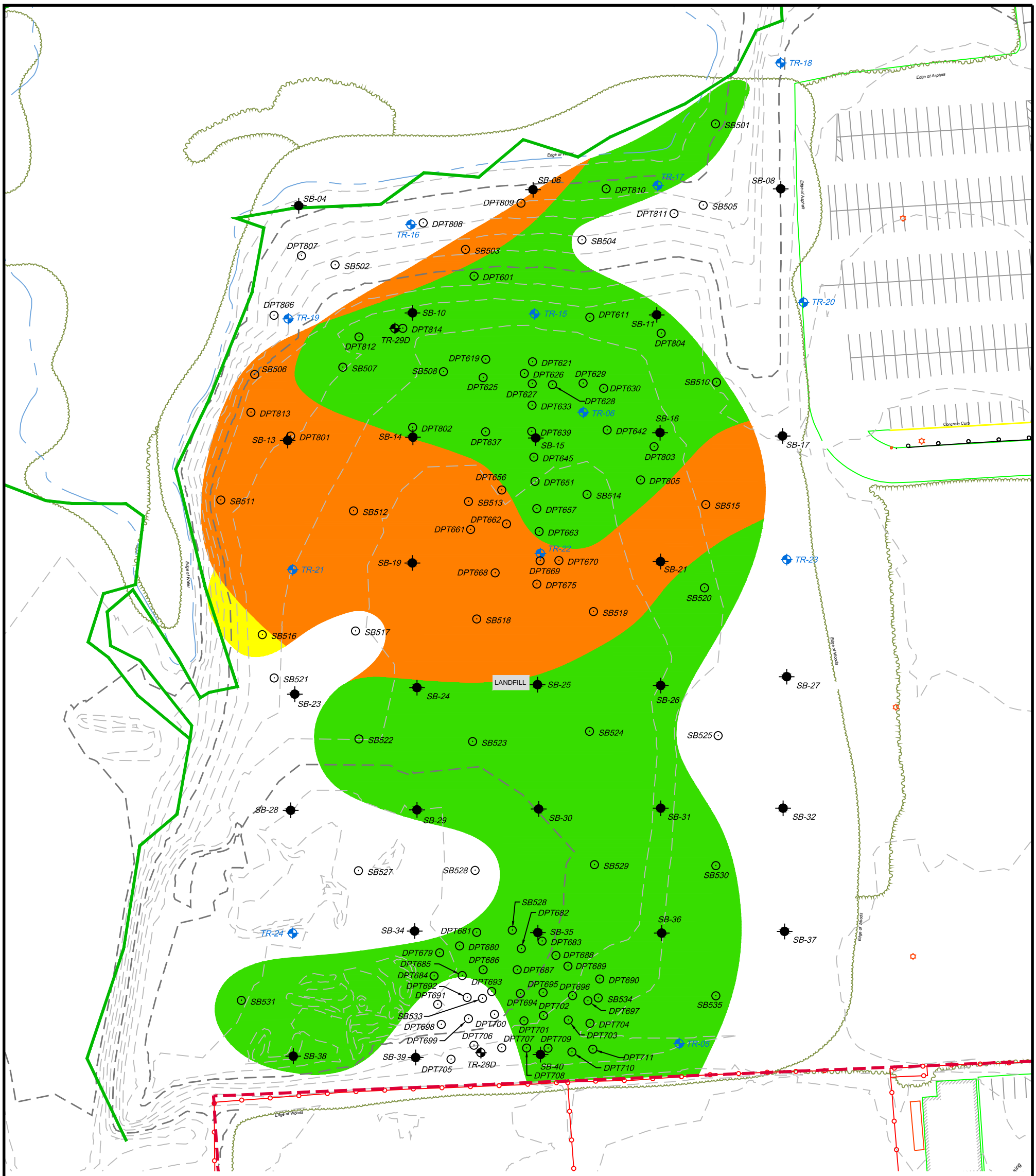
0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

PCB CONCENTRATION IN SURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-8



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

PLAN

NORTH

NOTE:

1. Results shown in milligrams per kilogram (mg/kg).
2. Sample locations highlighted in green indicate values that exceed unrestricted use for one or more analytes in the criteria.
3. Sample locations highlighted in yellow indicate values that exceed commercial use for one or more analytes in the criteria.
4. Sample locations highlighted in orange indicate values that exceed industrial usefor one or more analytes in the criteria.

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

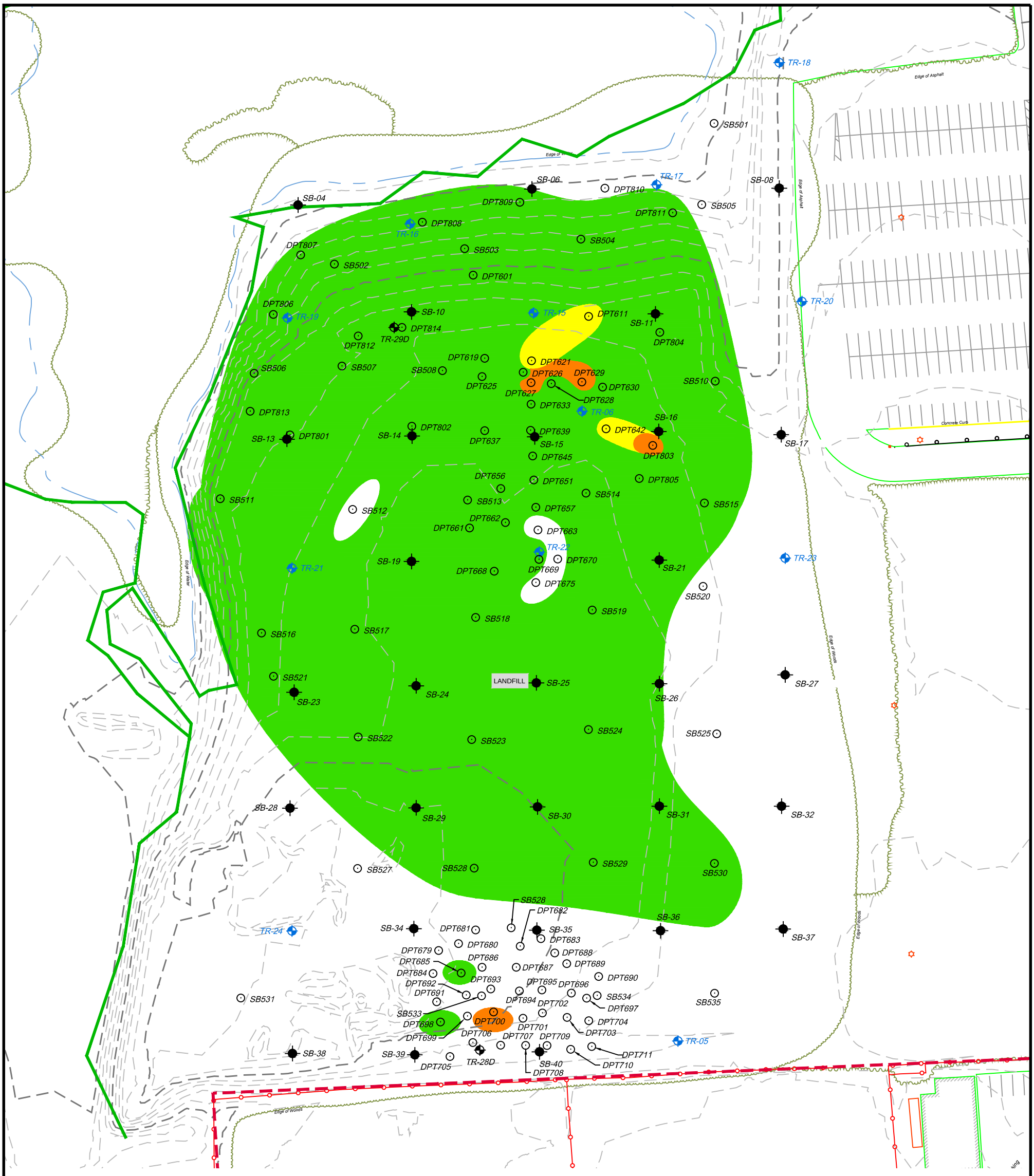
0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

METALS CONCENTRATION IN SURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-9



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

PLAN

NORTH

NOTE:

1. Results shown in milligrams per kilogram (mg/kg).
2. Sample locations highlighted in green indicate values that exceed unrestricted use for one or more analytes in the criteria.
3. Sample locations highlighted in yellow indicate values that exceed commercial use for one or more analytes in the criteria.
4. Sample locations highlighted in orange indicate values that exceed industrial use for one or more analytes in the criteria.

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

VOC CONCENTRATION IN SUBSURFACE SOIL
AOC G LANDFILL

AECOM

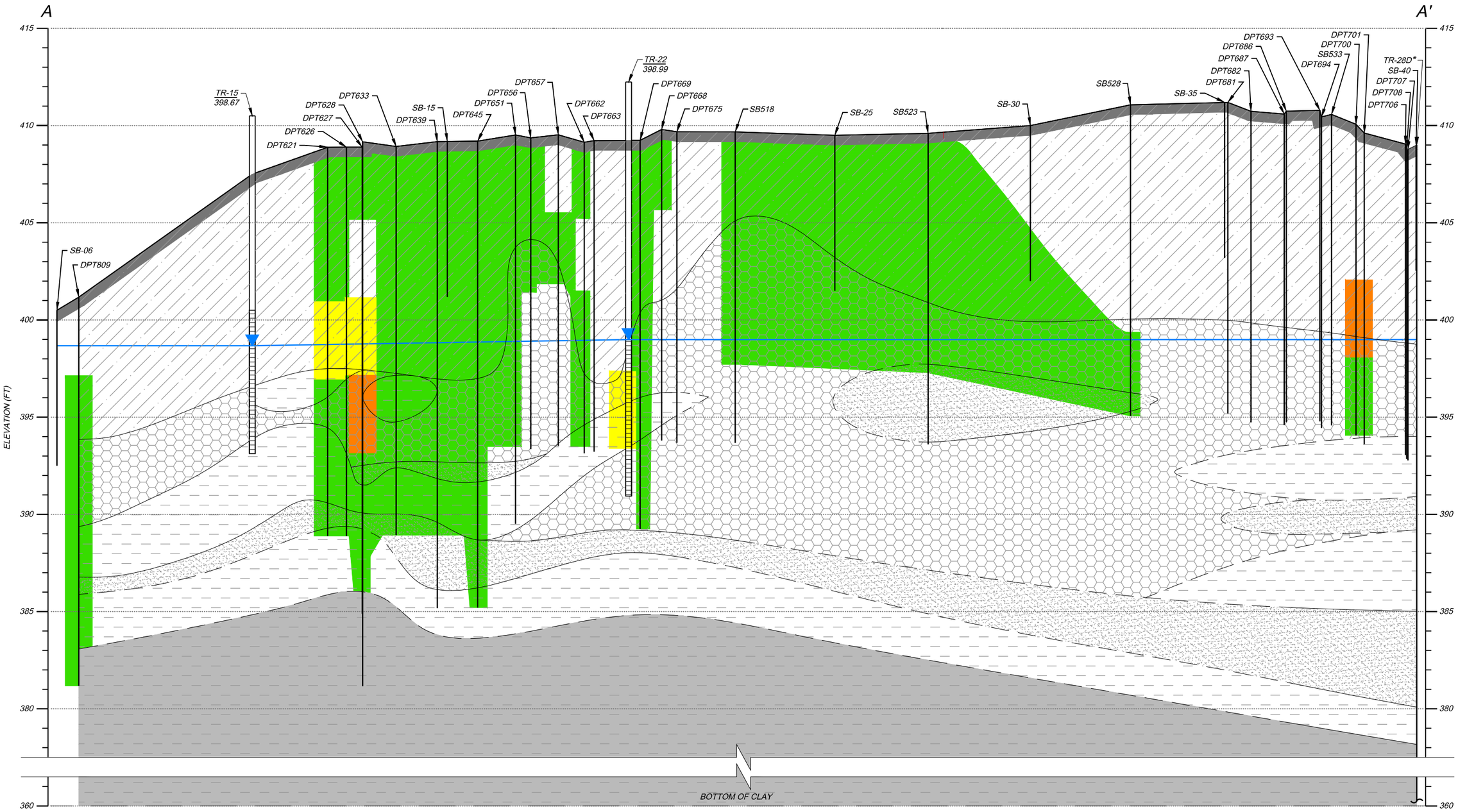
FIGURE 4-10

AECOM

FIGURE 4-11

VOC CONCENTRATION IN SUBSURFACE SOIL
CROSS SECTION A-A'
AOC G LANDFILL

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015



SILT, ASH, C-F SAND, SLUDGE, SLAG, BRICK (FILL)

SANDY SILT, INTERBEDDED SAND AND CLAY, LITTLE GRAVEL

FINE TO MEDIUM SAND

SANDY CLAY, INTERBEDDED SAND

CLAY

APPROXIMATE WATER TABLE ELEVATION

*TR-28D SHOWN FOR GEOLOGY ONLY

TR-15
398.67

MONITORING WELL ID
GROUNDWATER ELEVATION (FT)

SAMPLE LOCATIONS HIGHLIGHTED IN GREEN INDICATE VALUES THAT EXCEED UNRESTRICTED USE FOR ONE OR MORE ANALYTES IN THE CRITERIA.

SAMPLE LOCATIONS HIGHLIGHTED IN YELLOW INDICATE VALUES THAT EXCEED COMMERCIAL USE FOR ONE OR MORE ANALYTES IN THE CRITERIA.

SAMPLE LOCATIONS HIGHLIGHTED IN ORANGE INDICATE VALUES THAT EXCEED INDUSTRIAL USE FOR ONE OR MORE ANALYTES IN THE CRITERIA.

FOR SURFACE SOIL CHARACTERIZATION AND CONCENTRATIONS, REFER TO FIGURE "VOC CONCENTRATION IN SURFACE SOIL".

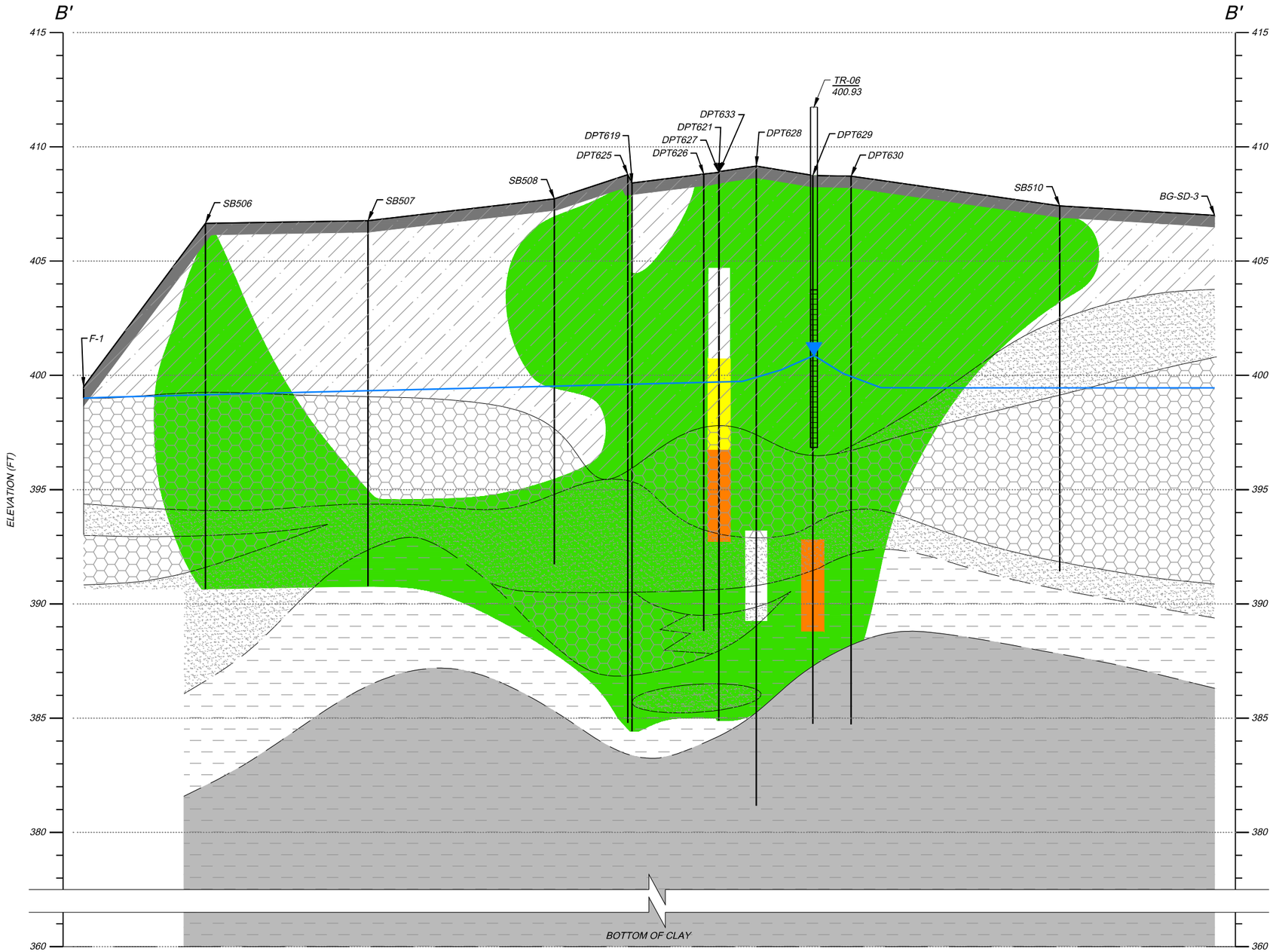
NOTE:

1. RESULTS SHOWN IN MILLIGRAMS PER KILOGRAM (mg/kg).

HORIZ. 0' 50' 100'

VERT. 0' 5' 10'

SCALE



SILT, ASH, C-F SAND, SLUDGE, SLAG, BRICK (FILL)

SANDY SILT, INTERBEDDED SAND AND CLAY, LITTLE GRAVEL

FINE TO MEDIUM SAND

TR-06 / 400.93 — MONITORING WELL ID / GROUNDWATER ELEVATION (FT)

SANDY CLAY, INTERBEDDED SAND

CLAY

APPROXIMATE WATER TABLE ELEVATION

SAMPLE LOCATIONS HIGHLIGHTED IN GREEN INDICATE VALUES THAT EXCEED UNRESTRICTED USE FOR ONE OR MORE ANALYTES IN THE CRITERIA.

SAMPLE LOCATIONS HIGHLIGHTED IN YELLOW INDICATE VALUES THAT EXCEED COMMERCIAL USE FOR ONE OR MORE ANALYTES IN THE CRITERIA.

SAMPLE LOCATIONS HIGHLIGHTED IN ORANGE INDICATE VALUES THAT EXCEED INDUSTRIAL USE FOR ONE OR MORE ANALYTES IN THE CRITERIA.

FOR SURFACE SOIL CHARACTERIZATION AND CONCENTRATIONS, REFER TO FIGURE "VOC CONCENTRATION IN SURFACE SOIL".

NOTE:

1. RESULTS SHOWN IN MILLIGRAMS PER KILOGRAM (mg/kg).

HORIZ. 0' 50' 100'

VERT. 0' 5' 10'

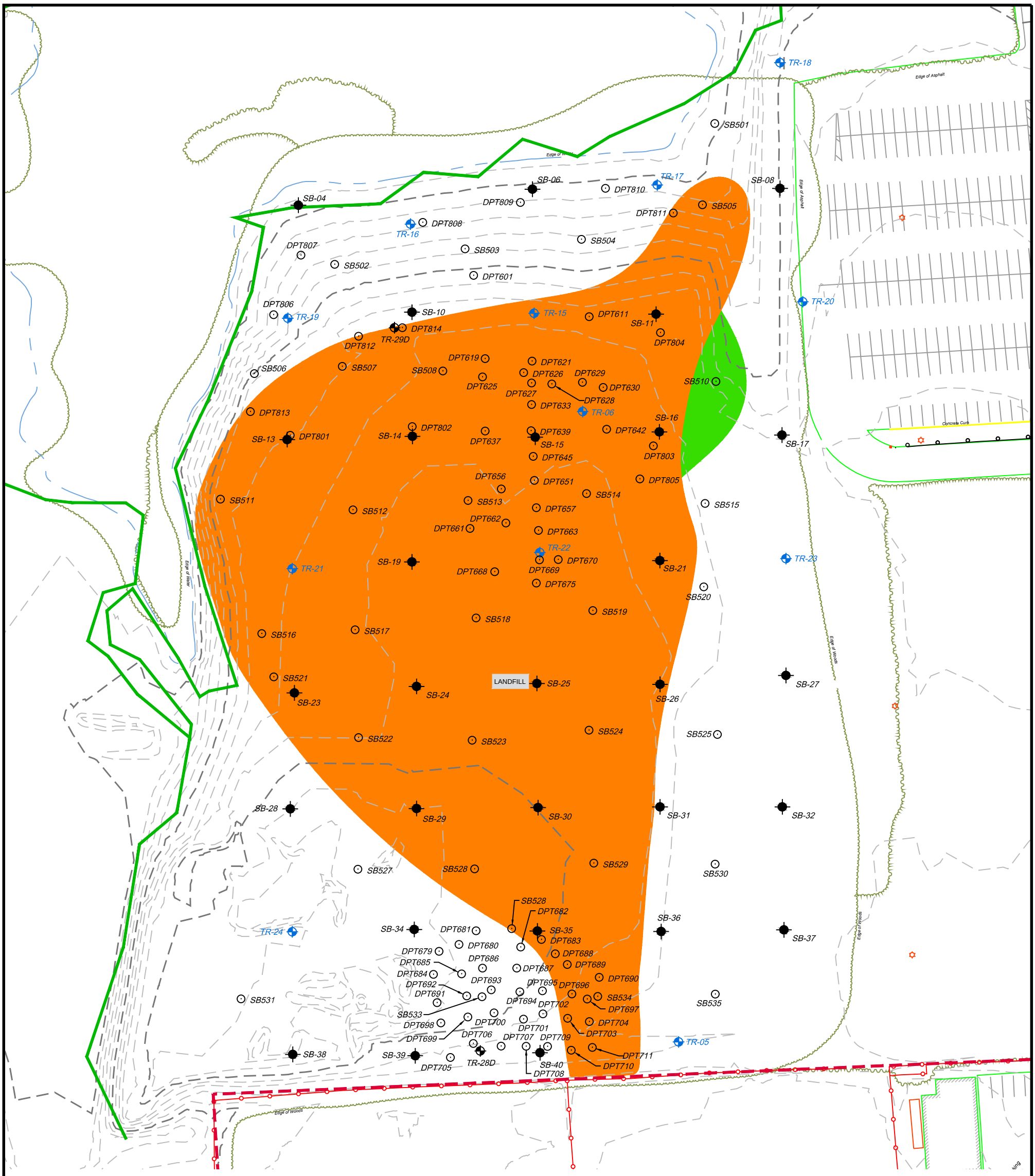
SCALE

AECOM

FIGURE 4-12

VOC CONCENTRATION IN SUBSURFACE SOIL
CROSS SECTION B-B'
AOC G LANDFILL

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

PLAN

NORTH

NOTE:

1. Results shown in milligrams per kilogram (mg/kg).
2. Sample locations highlighted in green indicate values that exceed unrestricted use for one or more analytes in the criteria.
3. Sample locations highlighted in orange indicate values that exceed industrial usefor one or more analytes in the criteria.

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

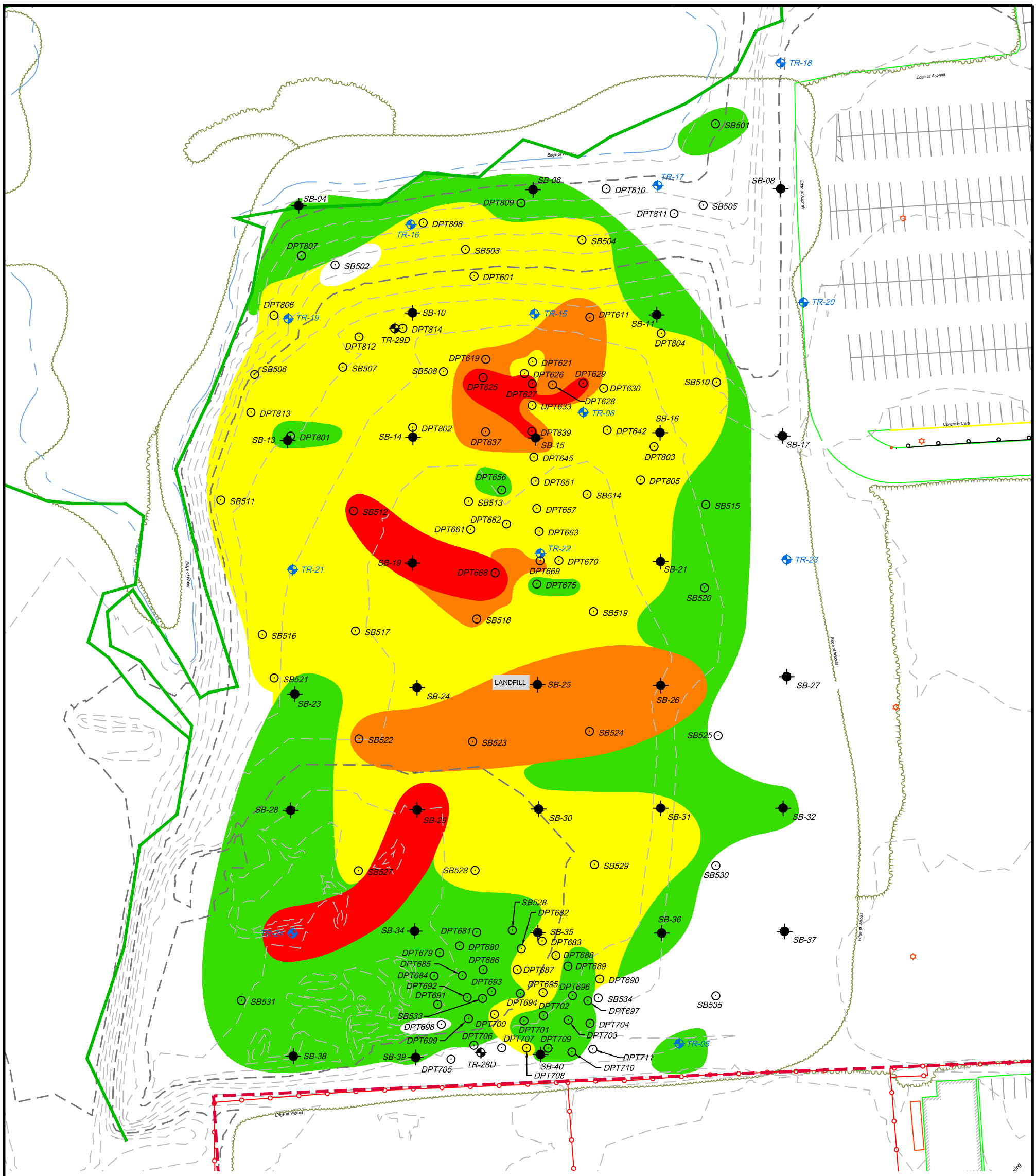
0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

SVOC CONCENTRATION IN SUBSURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-13



KEY:

- *Approximate Property Boundary (Tax Map)*
- *Wetland line (dashed where inferred)*
- *DPT-706* — *Soil Boring / Sampling Location*
- *TR-29D* — *Deep Monitoring Well Location*
- *SB-04* — *Previous (EnSafe) Soil Boring / Sampling Location*
- *TR-16* — *Shallow Monitoring Well Location*

PLAN

NORTH

NOTE:

1. *Results shown in milligrams per kilogram (mg/kg).*
2. *Sample locations highlighted in green indicate values that exceed unrestricted use greater than 0.1 mg/kg.*
3. *Sample locations highlighted in yellow indicate values that exceed commercial use greater than 1 mg/kg.*
4. *Sample locations highlighted in orange indicate values that exceed industrial use greater than 25 mg/kg.*
5. *Sample locations highlighted in red indicate values greater than 50 mg/kg.*

LEGEND:

- *Major Contour* (400)
- *Minor Contour* (399)
- *Edge of Woods*
- *Edge of Water*
- *Guide Rail*
- *Chain Link Fence*
- *Water Valve*
- *Utility Pole*
- *Guy Wire*
- *Light Pole*
- *Tree*
- *Sign*
- *Post*

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

PCB CONCENTRATION IN SUBSURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-14

A

A'

ELEVATION (FT)

415
410
405
400
395
390
385
380
360

TR-15 398.67
DPT628
DPT627
DPT626
DPT621
DPT633
SB-15
DPT639
DPT645
DPT651
DPT656
DPT657
DPT662
DPT663
TR-22 398.99
DPT669
DPT668
DPT675
SB518
SB-25
SB523
SB-30
SB528
SB-35
DPT681
DPT682
DPT687
DPT686
DPT693
DPT694
SB533
DPT700
DPT701
TR-28D*
SB-40
DPT707
DPT708
DPT706
SB-06
DPT809

BOTTOM OF CLAY

SILT, ASH, C-F SAND, SLUDGE, SLAG, BRICK (FILL)

SANDY SILT, INTERBEDDED SAND AND CLAY, LITTLE GRAVEL

FINE TO MEDIUM SAND

TR-15 398.67 — MONITORING WELL ID / GROUNDWATER ELEVATION (FT)

SANDY CLAY, INTERBEDDED SAND

CLAY

APPROXIMATE WATER TABLE ELEVATION

*TR-28D SHOWN FOR GEOLOGY ONLY

PCB EXCEEDING UNRESTRICTED USE GREATER THAN 0.1 mg/kg

PCB EXCEEDING COMMERCIAL USE GREATER THAN 1 mg/kg

PCB EXCEEDING INDUSTRIAL USE GREATER THAN 25 mg/kg

PCB GREATER THAN 50 mg/kg

FOR SURFACE SOIL CHARACTERIZATION AND CONCENTRATIONS, REFER TO FIGURE "PCB CONCENTRATION IN SURFACE SOIL".

HORIZ. 0' 50' 100'

VERT. 0' 5' 10'

SCALE

AECOM

FIGURE 4-15

PCB CONCENTRATION IN SUBSURFACE SOIL
CROSS SECTION A-A'
AOC G LANDFILL

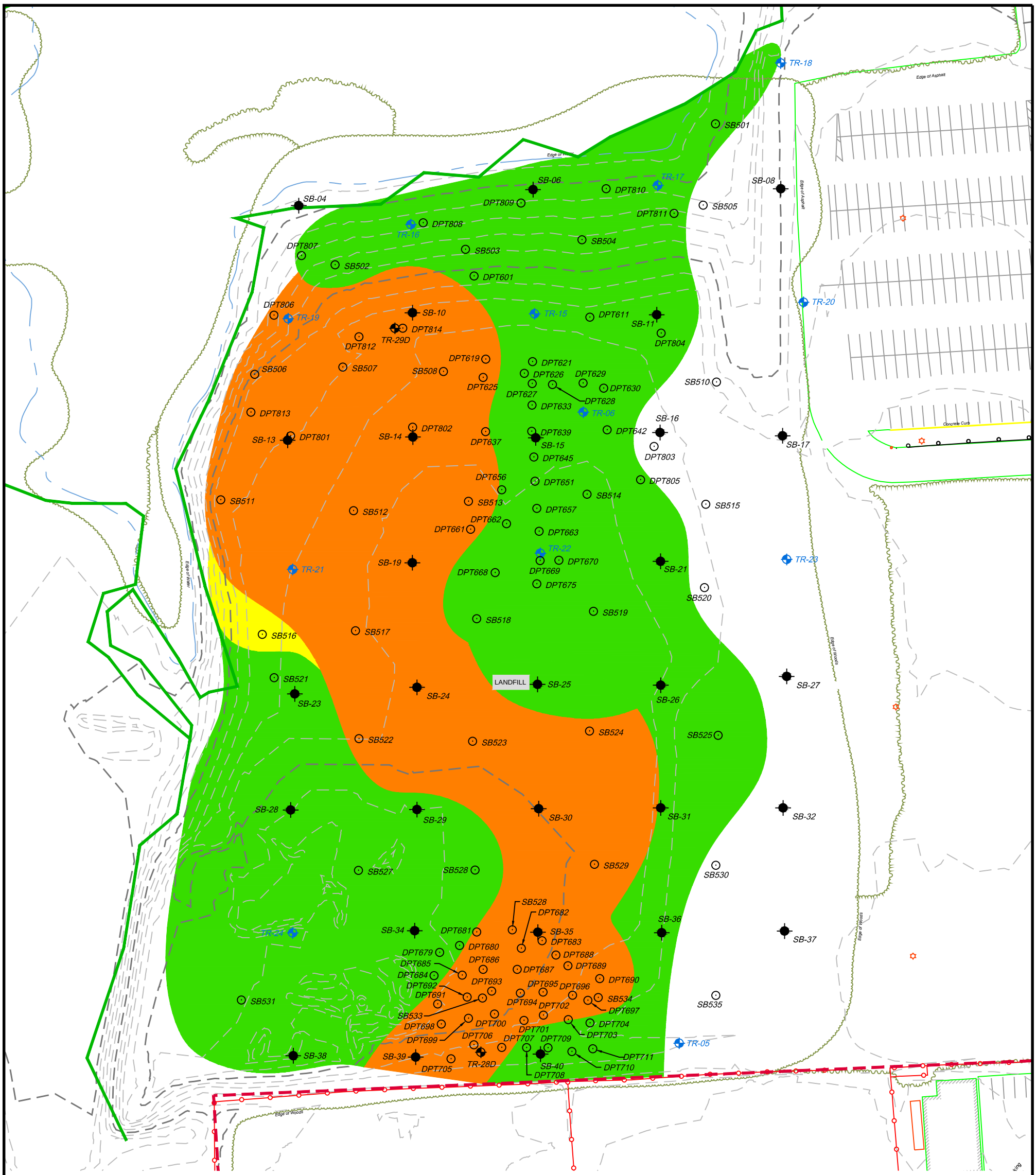
CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

AECOM

FIGURE 4-16

PCB CONCENTRATION IN SUBSURFACE SOIL
CROSS SECTION B-B'
AOC G LANDFILL

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015



KEY:

- Approximate Property Boundary (Tax Map)
- Wetland line (dashed where inferred)
- DPT-706 — Soil Boring / Sampling Location
- TR-29D — Deep Monitoring Well Location
- SB-04 — Previous (EnSafe) Soil Boring / Sampling Location
- TR-16 — Shallow Monitoring Well Location

PLAN

NORTH

NOTE:

1. Results shown in milligrams per kilogram (mg/kg).
2. Sample locations highlighted in green indicate values that exceed unrestricted use for one or more analytes in the criteria.
3. Sample locations highlighted in yellow indicate values that exceed commercial use for one or more analytes in the criteria.
4. Sample locations highlighted in orange indicate values that exceed industrial usefor one or more analytes in the criteria.

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

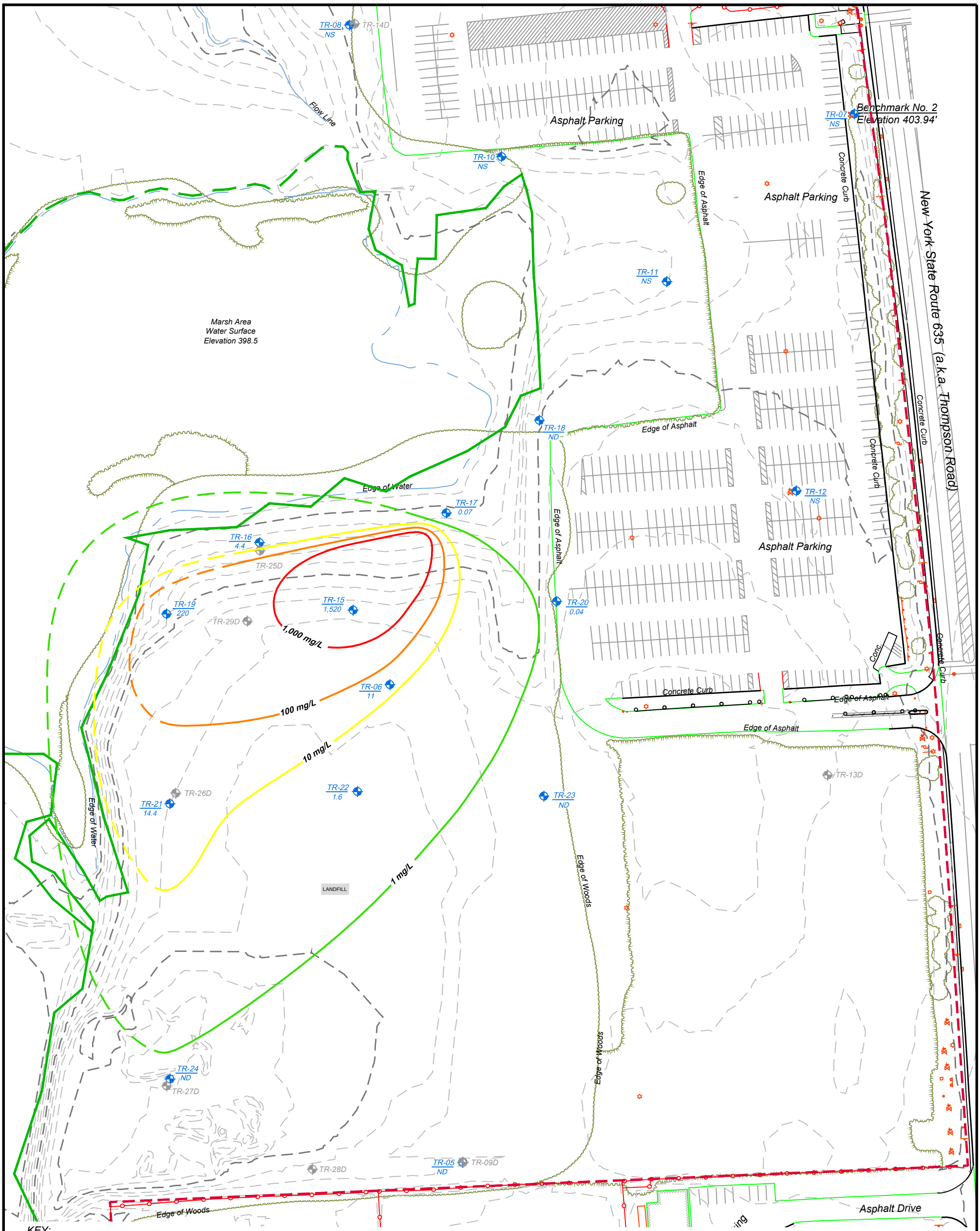
0' 40' 80' 160'

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

METALS CONCENTRATION IN SUBSURFACE SOIL
AOC G LANDFILL

AECOM

FIGURE 4-17



KEY:

Approximate Property Boundary (Tax Map)	
Wetland line (dashed where inferred)	
TR-16	Shallow Monitoring Well Location
TR-29D	Deep Monitoring Well Location

TR-22 / 1.6	Monitoring Well ID / VOC Concentration (mg/L)
NS	Not Sampled
ND	Not Detected

Notes:

1. Monitoring wells shown in gray are deep wells and were not considered for contouring purposes.

PLAN

NORTH

0' 50' 100' 200'

LEGEND:

- Major Contour (400)
- Minor Contour (399)
- Edge of Woods
- Edge of Water
- Guide Rail
- Chain Link Fence
- Water Valve
- Utility Pole
- Guy Wire
- Light Pole
- Tree
- Sign
- Post

Map References:

1) Base mapping shown from a field survey and plans titled "Map Showing Existing Conditions, Former Carrier Landfill, AOC G and Sanders Creek, by Thew Associates, dated January 21, 2014, including all notes and references therein, and additional field observations made by AECOM personnel, various dates.

2) AECOM Investigation Sample Locations from survey performed by C.T, Male & Assoc., dated November 2014.

CARRIER - DEWITT LANDFILL (AOC G)
THOMPSON ROAD, SYRACUSE, NEW YORK
Project No.: 60310231 Date: 4-17-2015

VOCs IN SHALLOW GROUNDWATER ISOCONCENTRATION MAP
AOC G LANDFILL

AECOM

FIGURE 4-18

Appendix A

Soil Boring Logs

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-601

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951417.169
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123683.205
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 28 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	169	FILL		0.0 fine to medium SAND, little silt, roots, grass, Brown, loose, slightly moist.	DPT-601(0-4)_111114
2					2.0 ASH, little cinders, trace fill material, Black, loose, slightly moist	
4	4	744	FILL		4.0 ASH, little cinders, trace fill material, Black, loose, slightly moist	DPT-601(4-8)_111114
5					5.0 fine to medium SAND, little silt, trace ash, Brown to Black, loose	
7					7.0 fine to medium SAND, with silt, Reddish Brown, oxidation staining, DTW (@7.5'bgs)	
8	4	>9999	FILL		8.0 medium SAND, some cinders,ash,fill material,medium to coarse gravel (little wood fragments @ 8.5' to 9.0' bgs), trace brick fragments, Brown to Reddish Brown, moist	DPT-601(8-12)_111114
9			OL		9.0 SILT, little fine to medium sand, organics, orange mottling, Brown, moist to wet sheen, slight	
12	4	>9999	SC		12.0 fine to medium clayey SAND, little silt, (clay lens @ 13.0'-13.5'bgs), Brown, moderate hydrocarbon odor sheen	DPT-601(12-16)_111114
16	4	>9999	SP		16.0 fine to medium gravelly SAND, interbedded clay lens, Brown, wet to saturated moderate hydrocarbon odor sheen	DPT-601(16-20)_111114
20	4	3000	ML		20.0 SILT, some clay, fine sand (interbedded medium sand lens), wet to saturated	DPT-601(20-24)_111114
24					24.0	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-601

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951417.169
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123683.205
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 28 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
25	2	12.1	CL		CLAY, little silt, trace fine sand, Gray, low plasticity, soft, moist	DPT-601(24-28)_111114
26						
27						
28						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-611

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951510.863
Date Started Drilling: 11/18/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123649.779
Date Finished Drilling: 11/18/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	3.0	FILL		0.0 fine to medium SAND, little medium to coarse gravel,ash,cinders, Brown, loose, dry	DPT-611(0-4)_111814
4	4	722	FILL		4.0 fine to medium SAND, little silt, medium to coarse gravel, Brown, loose, slightly moist	DPT-611(4-8)_111814
8	4	1895	FILL		8.0 SILT, little fine sand, roots, trace (cinders, ash @ 8.0 to 9.0' bgs), slight solvent odor, DTW@9.0'bgs	DPT-611(8-12)_111814
12	4	4691	ML		12.0 SILT, little fine sand, Brown, soft, moist	DPT-611(12-16)_111814
			SP		14.5 fine SAND, Brown, loose, wet moderate solvent odor	
16	3	266	CL		16.0 CLAY, with interbedded fine sand, Gray, low plasticity, soft, wet	DPT-611(16-20)_111814
			SP		19.0 fine SAND, trace clay, wet to saturated	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-619

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951426.548
Date Started Drilling: 11/07/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123615.846
Date Finished Drilling: 11/07/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 12
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	3	0.0	FILL		0.0 fine to medium SAND, little silt, medium to coarse gravel, roots trace coal fragments, Brown to Black, moist	DPT-619(0-4)_110714
4–8	4	2.7	FILL		4.0 fine to medium SAND, little silt, medium to coarse gravel, roots trace cinders, Brown to Black, moist 5.0 fine to medium SAND, some medium to coarse gravel, trace wood fragments(ash,cinders@7.5' bgs), Grayish Brown	DPT-619(4-8)_110714
8–12	3	56.1	FILL		8.0 8.5 WOOD FRAGMENTS, little fine sand, oil-like material, loose, moist, moderate hydrocarbon odor, black staining	DPT-619(8-12)_110714
			ML		SILT, little clay, trace fine sand, orange mottling, Brown, stiff, moist	
12–16	4	808	ML		12.0 SILT, with tar-like material, some fill material, moderate hydrocarbon odor, sheen, DTW@12'bgs 13.0 SILT, some fine sand, orange mottling, stiff, wet	DPT-619(12-16)_110714
			SP		14.0 fine SAND, Grayish Brown, loose, wet, slight hydrocarbon odor, sheen	
16–20	4	1620	SP		16.0 fine to medium SAND, trace (NAPL blebs @ 17.0 to 17.5'bgs), Grayish Brown, wet to saturated, moderate odor, sheen	DPT-619(16-20)_110714
			CL		18.0 CLAY, little silt, Grayish Brown, soft, wet	
20–24	4	1128	CL		20.0 CLAY, little silt, Gray, soft, moist to wet	DPT-619(20-24)_110714

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-621

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951464.501
Date Started Drilling: 11/06/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123613.848
Date Finished Drilling: 11/06/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	11.0	FILL		fine to medium SAND, little silt, trace medium to coarse gravel, Brown, dense, slightly moist	DPT-621(0-4)_110614
1.5					ASH and cinders, some medium to coarse gravel, little fine to medium sand, Black, loose, oxidation staining	
4	2.5	77.5	FILL		ASH and cinders, some medium to coarse gravel, little wood fragments, Black, loose, dry	DPT-621(4-8)_110614
5.0					SILT, some fine sand, trace cinders, Grayish Brown, loose, moist slight hydrocarbon odor, slight sheen, DTW@7.5'bgs.	
8	4	1720	FILL		SILT, little fine to coarse gravel, fine to medium sand, fill material, trace coal fragments, Brown, soft, moist moderate hydrocarbon odor, slight sheen	DPT-621(8-12)_110614
11			OL		organic SILT, some decomposing vegetation, roots, fibers, Brown, soft to stiff, moist	
12	4	4525	CL		CLAY, some silt, trace fine sand, Brown, low plasticity, moist to wet, moderate hydrocarbon odor, sheen	DPT-621(12-16)_110614
13			SM		fine SAND, some silt, trace clay, Grayish Brown, loose, wet to saturated, moderate hydrocarbon odor, sheen	
14			CL		CLAY, little silt,(fine sand lens @ 15.5' to 16.0' bgs), Brown, medium plasticity, stiff, moist	
16	4	>9999	CL		CLAY, little silt, low plasticity, soft, moist to wet	DPT-621(16-20)_110614
18		1007	SM		very fine SAND, little silt, Grayish Brown, saturated, slight sheen	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-625

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951424.427
Date Started Drilling: 11/07/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123600.989
Date Finished Drilling: 11/07/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.2	FILL		0.0 fine to medium SAND, little silt and medium to coarse gravel, Brown, loose, moist	DPT-625(0-4)_110714
4–8	3	23.4	FILL		4.0 ASH and cinders, little fine to medium gravel, Black, loose, moist, Trace brick fragments	DPT-625(4-8)_110714
8–12	2.5	97.1	FILL		8.0 fine to medium SAND, some silt, Brown, loose, moist 9.0 ASH and cinders, some fine to medium gravel, Black, loose, moist 10.0 moderate hydrocarbon odor, DTW 11.5' bgs	DPT-625(8-12)_110714
12–16	4	761	FILL		12.0 fine to medium ASH, some fine to medium sand, trace roots, loose, moist	DPT-625(12-16)_110714
			SP		12.5 fine SAND, little silt, Brown, low plasticity, medium stiff, wet	
16–20	4	242	SP		16.0 fine to medium SAND, little silt, Grayish Brown, loose, wet	DPT-625(16-20)_110714
			ML		18.0 clayey SILT, trace fine sand, Grayish Brown, stiff, wet	
20–24	4	6.8	ML		20.0 SILT, some fine sand, trace clay, Grayish Brown, soft to dense, wet	DPT-625(20-24)_110714
			CL		22.0 CLAY, Gray, low plasticity, soft, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-626

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951457.787
Date Started Drilling: 11/06/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123604.41
Date Finished Drilling: 11/06/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	7.8	FILL		0.0 fine to medium SAND, little silt and medium to coarse gravel, Brown, loose, dry	DPT-626(0-4)_110614
3					3.0 ASH and cinders, Black, loose, moist	
4	3.5	27.4	FILL		4.0 SILT, some fine to medium sand, little medium to coarse gravel, Grayish Brown, dense, moist	DPT-626(4-8)_110614
5					5.5 ASH and cinders, little fine sand, Brown, loose, moist	
8	4	293	FILL		8.0 ASH and cinders, little fine sand, Brown, loose, moist, slight hydrocarbon odor, some wood fragments	DPT-626(8-12)_110614
9			ML		9.0 SILT, with fine sand, little medium to coarse gravel, Grayish Brown, dense, moist, moderate hydrocarbon odor, sheen, trace coal fragments	
12	4	1460	ML		12.0 SILT, little fine sand, little clay, Grayish Brown, dense, moist	DPT-626(12-16)_110614
14		242	SP		14.2 fine to medium SAND, Grayish Brown, loose, wet, strong hydrocarbon odor, Trace NAPL blebs at 14.2 to 14.6 ft bgs	
15			CL		14.6 CLAY, little silt, Grayish Brown, medium plasticity, soft, moist	
16	4	290	SP		16.0 fine SAND, Grayish Brown, loose, wet, moderate hydrocarbon odor	DPT-626(16-20)_110614
17			CL		16.5 CLAY, trace silt, Grayish Brown, medium plasticity, soft, moist to wet	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-627

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951464.169
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123596.05
Date Finished Drilling: 11/05/14	**Core Size:** 2 2	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.2	FILL		0.0 fine to medium SAND, little silt, trace medium gravel, roots, Brown, loose, slightly moist	DPT-627 (0-4)_110514
2					2.0 ASH and cinders, (crushed concrete @3.0' to 3.5') little fine sand, trace coal fragments, Black, loose, slightly moist	
4	3	189	FILL		4.0 ASH and cinders, some wood fragments, little fine sand, trace coal fragments, Black, loose, slightly moist	DPT-627 (4-8)_110514
5					5.0 SILT, little ash, fine to medium sand, trace gravel, Grayish Brown, moist to wet moderate hydrocarbon odor sheen, DTW @ 7.0'bgs	
8	4	939	FILL		8.0 SILT, little ash, fine to medium sand, trace gravel, Grayish Brown, moist to wet moderate odor sheen	DPT-627 (8-12)_110514
10			ML		10.0 SILT, some orange mottling, little clay, Brown, moist to wet slight solvent odor	
12	4	8826	ML		12.0 SILT, some clay, trace fine sand, organics, Grayish Brown, strong odor	DPT-627 (12-16)_110514
13					13.0 SILT, some orange mottling, little clay, Brown, moist to wet	
16	4	4525	SM		16.0 fine to medium SAND, little silt, Brown, loose, wet moderate odor sheen	DPT-627 (16-20)_110514
18			CL		18.0 CLAY, little silt, Brown, low plasticity, wet moderate odor	
19			SM		19.0 fine to medium SAND, Grayish Brown, loose, wet to saturated slight hydrocarbon odor	
20	4	216	SM		20.0 very fine SAND, little silt, Grayish Brown, loose to, slight sheen	DPT-627 (20-24)_110514
21			CL		21.0 CLAY, little silt, Grayish Brown, high plasticity, soft, moist to wet	
23			SM		23.0 fine SAND, little silt, trace clay, Grayish Brown, loose to dense,	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-628

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951480.571
Date Started Drilling: 11/06/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123595.283
Date Finished Drilling: 11/06/14	**Core Size:** 2 in	**Boring Total Depth:** 28 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	143	FILL		fine to medium SAND, some medium to coarse gravel, (ash, cinders @ 3.0' to 3.5' bgs) little silt, loose, dry	DPT-628(0-4)_110614
4	4	509	FILL		SILT, some fine sand, some fine to medium gravel, little ash, cinders, dense, moist, DTW @ 7.8' bgs	DPT-628(4-8)_110614
8	4	17.4	FILL		SILT, some fine sand, some fine to medium gravel,(some organic debris @11.5' to 12.0' bgs), Brown, dense, moist, lithology grades finer with depth	DPT-628(8-12)_110614
12	4	874	ML		SILT, some clay, little organics, (homogenous medium sand lens @ 15.0' to 15.5' bgs), dense, moist	DPT-628(12-16)_110614
15.5			ML		SILT, some fine sand, Brown, dense, moist	
16	4	1651	SM		fine SAND, Brown, loose, wet, sheen on water @ 16.0-17.0'bgs	DPT-628(16-20)_110614
17			ML		SILT, some fine sand, Brown, dense, moist	
18			CL		CLAY, little silt, soft, moist	
19			SM		fine to medium SAND, little silt, loose, wet, slight sheen on water @ 19.0' to 20.0' bgs	
20	4	153	CL		CLAY, interbedded fine sand lens throughout little silt, Gray, low plasticity, stiff, moist to wet	DPT-628(20-24)_110614
24.0						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-628

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951480.571
Date Started Drilling: 11/06/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123595.283
Date Finished Drilling: 11/06/14	**Core Size:** 2 in	**Boring Total Depth:** 28 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
25	4	3.1	CL		CLAY, Gray, low plasticity soft, wet	DPT-628(24-28)_110614
26						
27						
28						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-629

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951505.349
Date Started Drilling: 11/06/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123596.568
Date Finished Drilling: 11/06/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	537	FILL		0.0 fine to medium SAND, some medium to coarse gravel, (some ash, concrete and brick fragments @ 1.5 to 4.0'bgs), Brown, loose, dry	DPT-629(0-4)_110614
4	4	812	FILL		4.0 fine to medium SAND, some medium to coarse gravel, some ash, concrete and brick fragments, Brown, loose, dry	DPT-629(4-8)_110614
8	4	1588	FILL		5.0 SILT, some fine sand, little fine to medium gravel, Brown, soft to dense, dry 8.0 SILT, some fine sand, little fine to medium gravel, Brown, soft to dense, dry to moist, DTW @ 10.0' bgs, some hydrocarbon staining @ 10.5 to11.0' bgs	DPT-629(8-12)_110614
11			SM		11.0 fine SAND, some silt, loose, moist, some hydrocarbon staining @ 11.0 to 12.0' bgs	
12	4	>9999	ML		12.0 SILT, little fine sand, Brown, dense, moist	DPT-629(12-16)_110614
15			SM		15.0 fine SAND, some silt, Brown, loose, wet, sheen on water	
16	4	4250			16.0 fine SAND, some silt, Brown, loose, wet,, sheen on water	DPT-629(16-20)_110614
17					17.5	
18			CL		CLAY, (fine sand @ 19.5 to 20.0' bgs), low plasticity soft, wet, slight sheen on water @ 19.5 to 20.0' bgs	
20	3.5	76.6	CL		20.0 CLAY, Gray, low plasticity, soft, wet	DPT-629(20-24)_110614
23						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-630

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951522.091
Date Started Drilling: 11/07/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123592.405
Date Finished Drilling: 11/07/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	3	6.3	FILL		0.0 ASH and cinders, some fine sand, (little medium to coarse gravel roots, silt @ 0.0 to 0.5' bgs), little crushed concrete, Black, loose, oxidation staining	DPT-630(0-4)_110714
					4.0	
4–8	3	132	FILL		fine to medium SAND, trace medium to coarse gravel, Brown, loose,	DPT-630(4-8)_110714
					5.0 medium SAND, little medium to coarse gravel, Grayish Brown, loose, slightly moist	
					8.0	
8–12	4	454	FILL		SILT, some fine sand, little medium to coarse gravel, trace fill material, Brown, soft, slightly moist to moist, DTW @ 9.0' bgs	DPT-630(8-12)_110714
					9.0	
			CL		CLAY, some silt, some orange mottling, Brown, soft to stiff, moist	
					12.0	
12–16	4	1120	CL		CLAY, little silt, orange mottling, (fine to medium sand lens, gray, black staining @13.0 to 13.5), Brown, low plasticity, soft, moist	DPT-630(12-16)_110714
					15.0	
			SM		fine SAND, some silt, Gray, loose, wet to saturated, slight sheen	
					16.0	
16–20	4	163	CL		CLAY, little silt, interbedded fine sand, trace organics, low plasticity, soft, wet	DPT-630(16-20)_110714
					20.0	
20–24	4	1.6	CL		CLAY, some silt, interbeded fine sand, Gray, soft, wet	DPT-630(20-24)_110714

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-633

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951464.091
Date Started Drilling: 11/06/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123578.64
Date Finished Drilling: 11/06/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	9.0	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little roots, Brown, loose, slightly moist, black staining	DPT-633(0-4)_110614
3					3.0 ASH and cinders, little coal fragments, wood fragments, Black, loose, slightly moist	
4	1	219	FILL		4.0 ASH and cinders, little coal fragments, wood fragments, Black, loose, slightly moist	DPT-633(4-8)_110614
5					5.0 crushed CONCRETE,	
8	4	188	FILL		8.0 SILT, some fine sand, little medium to coarse gravel, fill material, coal fragments, little roots, Grayish Brown, slight black staining, DTW @ 10.0' bgs	DPT-633(8-12)_110614
11					11.0 SILT, some fine sand, little medium to coarse gravel, fill material, coal fragments, little roots, Grayish Brown, moderate solvent odor,	
12					12.0 slight black staining, DTW @ 10.0' bgs	
12	4	1601	CL		CLAY, some orange mottling little silt, Brown, low plasticity, moist, moderate solvent odor	DPT-633(12-16)_110614
15					15.0 CLAY, with interbedded fine to medium sand lens, Brown, low plasticity, soft, moderate solvent odor, sheen	
16	4	260	ML		16.0 SILT, some clay, orange mottling trace fine sand, Brown, soft	DPT-633(16-20)_110614
17			CL		17.0 CLAY, trace silt, Gray, high plasticity, soft, wet	
19		4860	SP		19.0 fine to medium SAND, Grayish Brown, loose, wet, moderate solvent odor	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-637

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951426.527
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123557.114
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.4	FILL		0.0 fine to medium SAND, little silt, medium to coarse gravel, roots, Brown, dense, slightly moist	DPT-637(0-4)_111314
3					3.0 ASH and cinders, some medium to coarse gravel, Black, loose, slightly moist	
4	3	33.9	FILL		4.0 ASH and cinders, coal fragments, metal slag pellets, plastic fragments, Black, loose, slightly moist	DPT-637(4-8)_111314
8	3.5	162	FILL		8.0 ASH and cinders, wood fragments, metal slag pellets, plastic fragments, wood fragments, Black, loose, moist to wet, slight sheen, DTW @ 9.5'bgs	DPT-637(8-12)_111314
12	4	5.6	CL		12.0 CLAY, some orange mottling, little silt, trace white precipitate, Brown, low plasticity, soft, moist	
13			SM		13.0 fine SAND, some silt, little clay, Brown, loose, wet to saturated, some black staining	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-639

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951463.803
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123557.461
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	4.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, slightly moist	DPT-639(0-4)_111014
1					1.0 fine to medium SAND, some ash, little medium to coarse gravel, trace brick, Brown, loose, slightly moist, little black staining	
2						
3					3.0 SILT, some fine sand, Grayish Brown, moist ,, slight solvent ordor	
4	3	11.7	FILL		4.0 fine SAND, little silt, medium gravel, trace cinders, Grayish Brown, loose, wet, DTW @ 8.0'bgs	DPT-639(4-8)_111014
5						
6						
7						
8	2	177	FILL		8.0 SILT, some fine sand, little medium to coarse gravel, trace brick fragments, wood fragments, moist, slight sheen, slight solvent odor	DPT-639(8-12)_111014
9						
10						
11						
12	4	140	ML		12.0 SILT, with fine sand, trace clay, (fine sand lens @ 15.2-15.4' bgs), Brown, soft to dense, sheen	DPT-639(12-16)_111014
13						
14						
15						
16	4	638	SM		16.0 fine to medium SAND, Brown, slight sheen, slight solvent odor.	DPT-639(16-20)_111014
17					17.0	
18			CL		CLAY, some silt, trace fine sand, Brown, soft to stiff	
19					19.5	
20			SP		20.0 fine to medium SAND, Brown, loose, wet slight solvent odor	
21	0		NA		No Recovery, Drillers step off and advance to a depth of 20.0', mutliple attempts, no recovery in 20.0' to 24.0' bgs.	
22						
23						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-642

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951524.908
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123558.633
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 12
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	3.7	FILL		fine to medium SAND, some ash and cinders, little silt, crushed concrete, Brown, slightly moist, oxidation staining with some black staining	DPT-642(0-4)_111314
4	4	60.5	FILL		fine to medium SAND, some ash and cinders, little silt, crushed concrete, Brown, slightly moist, oxidation staining with some black staining	DPT-642(4-8)_111314
6.5			ML		SILT, some fine sand, little organics, Brown, soft, slight solvent odor, slight sheen	
8	4	1250	ML		SILT, some fine sand, little organics, trace clay, Brown, soft, slight solvent odor, slight black staining	DPT-642(8-12)_111314
12	3	1610	ML		SILT, some fine sand,orange mottling, soft, moist to wet, DTW @ 12.0' bgs	DPT-642(12-16)_111314
14			SP		fine to medium SAND, Brown, loose, wet, slight sheen	
15			ML		SILT, some fine sand,orange mottling, soft, moist to wet	
16	4	683	ML		SILT, little clay, fine sand, Brown, soft, moist	DPT-642(16-20)_111314
17			CL		CLAY, some interbedded fine sands, Gray, low plasticity, soft, moist	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-645

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951465.509
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123536.636
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	2.0	FILL		fine to medium SAND, some silt, little medium to coarse gravel, trace ash,cinders, fill material, Brown, slightly moist, slight black staining	DPT-645(0-4)_111014
4	4	37.5	FILL		SILT, some fine sand, little medium to coarse gravel, Brown, moist slight solvent odor, black staining @ 7.7 to 8.0' bgs	DPT-645(4-8)_111014
8	2.5	156	FILL		SILT, some fine sand, crushed concrete, medium to coarse gravel, moist, slight solvent odor, sheen	DPT-645(8-12)_111014
10					SILT, little fine sand, trace medium to coarse gravel, black staining, Brown, wet, DTW @ 10.0'bgs	
12	4	210	FILL		CLAY, some silt, (coal slag @ 12.0 to 12.5' bgs), Brown, soft to stiff, moist	DPT-645(12-16)_111014
13			ML		SILT, some fine sand, little clay, interbedded sand lens, Brown, moist	
16	4	13.5	ML		SILT, some fine sand, little clay, interbedded sand lens, Brown, moist	DPT-645(16-20)_111014
16.5			CL		CLAY, Gray, stiff, moist	
20	4	6.6	CL		CLAY, Gray, stiff, moist	DPT-645(20-24)_111014
21			SM		fine SAND, little clay, Gray, dense, moist	
23			CL		CLAY, Gray, stiff, moist	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-651

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951466.452
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123517.112
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	4.1	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, trace roots, grass, Brown, slightly moist, black staining	DPT-651(0-4)_111014
4–8	1.5	255	FILL		4.0 4.5 fine to medium SAND, with medium to coarse gravel, Brown, loose, dry to slightly moist WOOD FRAGMENTS, with oil like material, little fine sand, trace glass, fill material, moist sheen	DPT-651(4-8)_111014
8–12	4	336	FILL		8.0 WOOD FRAGMENTS, with oil like material, little fine sand, trace glass, fill material, moist sheen	DPT-651(8-12)_111014
			ML		8.5 SILT, with fine sand, some organics, Brown, soft, moist slight solvent odor, slight black staining, DTW @9.0' bgs	
12–16	4	154	ML		12.0 SILT, some clay, some orange mottling, trace fine sand, Brown, stiff, moist	DPT-651(12-16)_111014
					13.0 SILT, some interbedded fine sand, Brown, dense to soft, wet to saturated	
16–20	4	4.2	SM		16.0 fine to medium SAND, Brown, dense, moist to wet	DPT-651(16-20)_111014
			CL		17.0 CLAY, some silt, little fine sand, Grayish Brown, soft, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-656

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951439.545
Date Started Drilling: 11/14/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123510.173
Date Finished Drilling: 11/14/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.0	FILL		0.0 fine to medium SAND, some medium to coarse gravel,(brick @ 2.0' and little ash @ 3.0 to 3.5') trace silt, Brown, loose, dry 4.0	DPT-656(0-4)_111414
4–8	3.5	0.3	FILL		fine to medium SAND, some medium to coarse gravel,trace silt, Brown, loose, dry 5.0	DPT-656(4-8)_111414
			ML		SILT, some fine sand, orange mottling, Brown, stiff, moist to wet, DTW @ 7.0' bgs 8.0	
8–12	4	6.8	ML		SILT, some fine sand, orange mottling, Brown, stiff, moist to wet 12.0	
12–16	4	3.1	ML		SILT, some interbedded fine sand, orange mottling, Brown, stiff, wet, DTW @ 7.0' bgs	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-657

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951468.005
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123495.034
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	1.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel, trace crushed concrete, (ash @ 1.0 to 1.5' bgs), Brown, loose, slightly moist, black staining 4.0	DPT-657(0-4)_111014
4–8	4	14.8	FILL		SILT, some fine sand, little wood fragments, mulch and ash, Brown, moist, DTW @ 7.0' bgs 8.0	DPT-657(4-8)_111014
8–12	4	1.5	ML		SILT, little fine sand,(wood fragments @ 9.0'bgs), trace clay, Brown, soft, moist 12.0	DPT-657(8-12)_111014
12–16	4	1.2	ML		SILT, some fine sand,orange mottling, soft, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-661

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951414.305
Date Started Drilling: 11/14/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123478.145
Date Finished Drilling: 11/14/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	1.6	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry, Some ash at 3.5 to 4.0 ft bgs. 4.0	DPT-661(0-4)_111414
4–8	4	0.0	ML		SILT, some fine sand, Brown, dense, dry, DTW (@7' bgs) 8.0	DPT-661(4-8)_111414
8–12	4	0.3	ML		SILT, some fine sand, Brown, dense, moist, Grades finer with depth. Some orange mottling 12.0	
12–14	4	0.0	ML		SILT, some fine sand, dense, moist 14.0	
14–16			SP		fine Sand, Brown, loose, wet, lens, Lenses are approx 2-in thick	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-662

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951443.38
Date Started Drilling: 11/14/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123482.588
Date Finished Drilling: 11/14/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 ASH and cinders, trace coal, Black, loose, dry	DPT-662(0-4)_111414
1					1.5 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry	
2						
3						
4					4.0	
4	3	2.6	FILL		fine SAND, some silt, trace clay, Brown, dense, dry, DTW (@7' bgs), some wood and brick fragments at 7.5 ft bgs	DPT-662(4-8)_111414
5						
6						
7						
8					8.0	
8	4	131	FILL		SILT, little fine sand, Brown, dense, moist to wet, some wood fragments	DPT-662(8-12)_111414
9						
10						
11						
12					12.0	
12	3.7	0.4	ML		SILT, little clay, little fine sand, Brown, dense, moist	DPT-662(12-16)_111414
13						
14					14.0	
14			SP		fine SAND, little silt, Brown, dense, moist to wet	
15					15.0 fine SAND, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-663

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951469.781
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123476.554
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	4.1	FILL		0.0 fine to medium SAND, with ash and cinders, Brown, loose, dry to moist, Little brick and concrete fragments	DPT-663(0-4)_111014
4–8	4	1.2	FILL		4.0 fine SILT, some fine to medium sand, little ash, Brown, dense, dry to moist, DTW (@7.5' bgs)	DPT-663(4-8)_111014
8–12	4	0.7	FILL		8.0 SILT, little fine sand, some cinders, Brown, dense, moist to wet	DPT-663(8-12)_111014
12–16			ML		12.0 SILT, little fine sand, Brown, dense, wet	DPT-663(12-16)_111014

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-668

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951434.258
Date Started Drilling: 11/14/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123443.058
Date Finished Drilling: 11/14/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:**
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	0.0	FILL		0.0 ASH and cinders, some roots, Black, loose, moist	DPT-668(0-4)_111414
1					1.5	
2			FILL		fine to medium SAND, little silt and medium to coarse gravel, Brown, loose, moist	
3						
4					4.0	
4	2	0.3	FILL		fine to medium SAND, little silt and medium to coarse gravel, Brown, loose, moist	DPT-668(4-8)_111414
5					5.0	
5			FILL		CONCRETE, loose, dry	
6						
7						
8					8.0	
8	0	NA	FILL		No Recovery. Concrete frags in tip of sampler	
9						
10						
11						
12						
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-669

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951470.591
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123452.764
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	3.7	FILL		fine to medium SAND, some medium to coarse gravel, little ash, Brown, loose, dry to moist slight chemical odor	DPT-669(0-4)_111014
4	4	10.4	FILL		fine to medium SAND, some silt and medium to coarse gravel, Brown, loose, dry slight chemical odor, DTW (@7.5' bgs)	DPT-669(4-8)_111014
8	4	72	ML		SILT, some fine to medium sand, some medium to coarse gravel, Brown, soft, moist to wet moderate chemical odor, Some black staining	DPT-669(8-12)_111014
12	4	272	ML		SILT, some fine sand, little clay, Grayish Brown, soft, moist, Little black staining	DPT-669(12-16)_111014
13			ML		SILT, some clay some fine sand, Gray, dense, moist slight hydrocarbon odor, Some black staining	
16	4	10.8	ML		SILT, some clay, little fine sand, Gray, dense, moist to wet, Medium SAND lens at 19.5 to 20 ft bgs	DPT-669(16-20)_111014
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-670

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951485.745
Date Started Drilling: 11/14/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123453.002
Date Finished Drilling: 11/14/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.0	FILL		0.0 fine to medium SAND, some medium to coarse gravel, trace crushed concrete(ash cinders, wood fragments, slight black staining @ 3.0 to 3.5' bgs), Brown, slightly moist, slight oxidation staining	DPT-670(0-4)_111414
4–8	4	0.0	FILL		4.0 SILT, little fine sand, trace cinders, ash, Brown, dense, moist to wet, DTW @ 7.0' bgs	DPT-670(4-8)_111414
8–12	4	0.0	ML		8.0 SILT, some fine sand, trace medium to coarse gravel, Brown, wet 9.0 SILT, trace fine sand, little organics, Brown, moist	
12–16	4	0.0	ML		12.0 SILT, little clay, fine sand, orange mottling, (fine sand @ 15.0 to 16.0' bgs), Brown, soft, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-675

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951467.994
Date Started Drilling: 11/10/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123433.984
Date Finished Drilling: 11/10/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.4	FILL		0.0 fine to medium SAND, little silt, medium to coarse gravel, (grass, roots @ 0.0 to 0.5' bgs, ash cinders, black staining @ 3.5 to 4.0' bgs), crushed concrete, loose, slightly moist	DPT-675(0-4)_111014
4	4	2.5	FILL		4.0 fine to medium SAND, some silt, little medium to coarse gravel, trace ash cinders, Grayish Brown, moist to wet, DTW @ 7.0' bgs	DPT-675(4-8)_111014
8	4	5.8	ML		8.0 SILT, little clay, fine sand, trace organics, Brown, soft to stiff, slight black staining	DPT-675(8-12)_111014
12	4	13.3	ML		12.0 SILT, some clay, orange mottling, trace fine sand, Brown, moist	DPT-675(12-16)_111014
15			SM		15.0 fine SAND, some silt, Grayish Brown, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-679

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951389.257
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123135.572
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.8	FILL		0.0 fine to medium SAND, some silt, trace brick fragments, medium to coarse gravel, Brown, loose, slightly moist	DPT-679(0-4)_110314
2					2.0 fine to medium SAND, some silt,medium to coarse gravel, trace coal fragments, cinders, Brown, loose, slightly moist, some black staining	
4	4	1.8	FILL		4.0 ASH, some cinders, fine sand, trace coal fragments, Black, loose, moist	DPT-679(4-8)_110314
8	4	0.9	FILL		8.0 ASH, some cinders, fine sand, trace coal fragments, Black, loose, moist to wet	DPT-679(8-12)_110314
9					9.0 ASH, some cinders, fine sand, sludge-like material, Black, loose, moist to wet, DTW @ 9.0' bgs	
12	4	1.0	CL		12.0 CLAY, with silt, trace fine sand, Brown, medium plasticity stiff, moist	
15			SP		15.0 fine to medium SAND, some silt,trace clay, Brown, dense, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-680

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951405.375
Date Started Drilling: 10/31/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123141.165
Date Finished Drilling: 10/31/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 12
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, dense, dry	DPT-680(0-4)_103114
4	4	0.5	FILL		4.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, dense, dry 5.0 ASH and sludge-like material, little fine sand, Brown to Black, loose, dry	DPT-680(4-8)_103114
8	4	0.5	FILL		8.0 ASH and sludge-like material, little fine sand, Brown to Black, loose, dry	DPT-680(8-12)_103114
12	4	4.2	FILL		12.0 ASH and sludge-like material, Brown to Black, loose, moist to wet, DTW @ 12.0' bgs	DPT-680(12-16)_103114
14			ML		14.0 SILT, some fine sand, orange mottling, Brown, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-681

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951419.266
Date Started Drilling: 10/31/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123152.159
Date Finished Drilling: 10/31/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	2.5	1.2	FILL		0.0 fine SAND, some medium to coarse gravel, little silt, trace ash, Brown, loose, dry	DPT-681(0-4)_103114
4	4	1.0	FILL		4.0 fine SAND, some medium to coarse gravel, little silt, (ash lens @ 6.0 to 7.0' bgs), Brown, loose, dry	DPT-681(4-8)_103114
8	4	0.8	FILL		8.0 ASH and sludge like material, Brown to Black, moist to wet, DTW @ 9.0' bgs	DPT-681(8-12)_103114
9			ML		9.0 SILT, some fine sand, orange mottling, little organics, dense, moist	
12	4	0.1	ML		12.0 SILT, some fine sand, orange mottling, little organics, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-682

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951455.368
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123138.918
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	1.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel, (ash @ 1.0 to 2.0' bgs), little silt, Brown, loose, dry	DPT-682(0-4)_103014
4–8	4	0.8	FILL		fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry 6.0 ASH, some fine sand, (brick fragments @ 7.0 to 7.5' bgs), loose, slightly moist	DPT-682(4-8)_103014
8–12	4	1.1	FILL		8.0 ASH and sludge-like material, Brown to Black, loose, DTW @ 9.0'bgs	DPT-682(8-12)_103014
			ML		10.5 SILT, some fine sand, some organics, Brown, dense, moist	
12–16	4	0.6	ML		12.0 SILT, some fine sand, orange mottling, interbedded medium sand lens, dense, moist	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-683

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951472.145
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123145.111
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.0	FILL		0.0 fine to medium SAND, some medium to coarse gravel, (ash @ 0.5 to 1.5 ' bgs), loose, dry	DPT-683(0-4)_103014
4–8	4	1.5	FILL		4.0 ASH, some fine sand, (brick fragments @6.0 to 6.5' bgs), Brown to Black, loose, dry	DPT-683(4-8)_103014
8–12	4	1.5	FILL		8.0 ASH, and sludge like material, Brown to Black, loose, moist to wet, DTW @ 11.0'bgs	DPT-683(8-12)_103014
12–16	4	0.0	ML		12.0 SILT, with fine sand, Brown, soft to dense, moist	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-684

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951384.725
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123116.808
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.0	FILL		0.0 fine to medium SAND, some fine to coarse gravel, little silt, trace wood fragments, brick fragments, Brown, loose, slightly moist	DPT-684(0-4)_110314
4	4	1.5	FILL		4.0 ASH, some cinders, fine sand, fine gravel, trace coal fragments, Black, loose, slightly moist	DPT-684(4-8)_110314
8	4	1.1	FILL		8.0 ASH, some cinders, fine sand, fine gravel, trace coal fragments, Black, loose, slightly moist	DPT-684(8-12)_110314
9			ML		9.0 SILT, some fine sand, trace wood fragments, Grayish Brown, soft, moist, DTW @ 11.0'bgs	
12	4	0.0	ML		12.0 SILT, some fine sand, Grayish Brown, soft, moist	
14			SM		14.0 fine SAND, some silt, little clay, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-685

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951407.531
Date Started Drilling: 10/31/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123117.204
Date Finished Drilling: 10/31/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.5	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, loose, dry	DPT-685(0-4)_103114
4	4	0.5	FILL		4.0 fine to medium SAND, some medium to coarse gravel, little silt, loose, dry 5.0 ASH and cinders, Black, loose, dry	DPT-685(4-8)_103114
8	4	1.1	FILL		8.0 ASH and cinders, Black, loose, dry 10.0 ASH, and sludge-like material, Black, loose, moist to wet, DTW @ 11.0'bgs 11.5	DPT-685(8-12)_103114
12			ML		12.0 SILT, some fine sand, trace fine gravel, some orange mottling, dense, moist	
12	4	1.0	ML		SILT, some fine sand, trace fine gravel, some orange mottling, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-686

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951424.454
Date Started Drilling: 10/31/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123121.876
Date Finished Drilling: 10/31/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1 2 3 4	4	0.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, loose, dry 4.0	DPT-686(0-4)_103114
5 6 7 8	4	0.3	FILL		fine to medium SAND, some medium to coarse gravel, little silt, loose, dry 5.0 ASH and cinders, Brown to Black, loose, dry 8.0	DPT-686(4-8)_103114
9 10 11	4	0.0	FILL		ASH, and sludge- like material, Brown to Black, moist to wet, DTW @ 10.0'bgs 11.0	DPT-686(8-12)_103114
			ML		SILT, some fine sand, orange mottling, trace fine gravel, dense, moist 12.0	
13 14 15 16	4	0.0	ML		SILT, some fine sand, orange mottling, trace fine gravel, dense, moist	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-687

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951452.124
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123121.923
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.0	FILL		0.0 fine to medium SAND, some medium to coarse gravel, some ash, Brown, loose, dry	DPT-687(0-4)_103014
4	4	0.2	FILL		4.0 fine to medium SAND, and ash, Brown to Black, dense, dry	DPT-687(4-8)_103014
8	4	0.0	FILL		8.0 ASH and cinders, Brown to Black, dense, wet, DTW (@10' bgs)	DPT-687(8-12)_103014
11			ML		11.0 SILT, some fine sand, Brown, dense, dry, Some orange mottling	
12	4	0.0	ML		12.0 SILT, some fine sand, Brown, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-688

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951483.404
Date Started Drilling: 10/29/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123133.514
Date Finished Drilling: 10/29/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.8	FILL		0.0 fine SAND, with silt, little fine gravel, Brown, loose, moist 4.0	DPT-688(0-4)_102914
4–8	4	1.3	FILL		ASH, and concrete, Black, loose, moist 6.0 fine to medium SAND, little silt, little medium to coarse gravel, Brown, loose, moist 8.0	DPT-688(4-8)_102914
8–12	4	0.7	ML		SILT, little fine sand, Brown, dense, moist, DTW (@9' bgs) 11.5	DPT-688(8-12)_102914
			CL		12.0 CLAY, little silt, Brown, medium plasticity, stiff, moist	
12–16	4	0.5	ML		SILT, some fine sand, trace clay, Brown, dense, wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-689

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951493.118
Date Started Drilling: 10/29/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123124.86
Date Finished Drilling: 10/29/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	1.4	FILL		0.0 fine SAND, some silt, little fine gravel, Brown, loose, dry, Some crushed concrete at 0-4 ft bgs	DPT-689(0-4)_102914
4–8	4	1.0	FILL		4.0 SILT, with fine sand, little roots, Grayish Brown, dense, moist 5.0 fine SAND, and silt some ash, Brown to Black, loose, moist to wet	DPT-689(4-8)_102914
8–11	4	1.6	FILL		8.0 fine SAND, and silt, little ash, Brown to Black, loose, dry, DTW (@9' bgs)	DPT-689(8-12)_102914
11–12			ML		11.0 SILT, some fine sand, Brown, dense, moist, Some orange mottling	
12–16	4	0.0	ML		12.0 SILT, some fine sand, trace clay, Brown, dense, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-690

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951518.905
Date Started Drilling: 10/28/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123114.379
Date Finished Drilling: 10/28/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.9	FILL		0.0 fine SAND, some silt, trace brick, Brown, loose, dry	DPT-690(0-4)_102814
4	4	3.0	FILL		4.0 fine SAND, some silt, trace brick, Brown, loose, moist	DPT-690(4-8)_102814
6			ML		6.0 SILT, little fine sand, Brown, dense, moist, slight sulfur odor	
8	4	3.1	ML		8.0 SILT, little fine sand, Brown, dense, moist, DTW (@9' bgs)	DPT-690(8-12)_102814
12	4	0.0	ML		12.0 SILT, some fine sand, little clay, Brown, dense, moist	
14			CL		14.0 CLAY, with silt, trace fine sand, Grayish Brown, soft, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-691

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951387.668
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123093.942
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.2	FILL		0.0 fine to medium SAND, some silt, little medium to coarse gravel, Brown, loose, moist, Some ash and cinders	DPT-691(0-4)_110314
4	4	1.2	FILL		4.0 ASH and cinders, some fine sand, Black, loose, dry	DPT-691(4-8)_110314
8	4	0.9	FILL		8.0 ASH and cinders, some fine sand, Black, loose, wet, DTW (@9' bgs)	DPT-691(8-12)_110314
10			ML		10.0 SILT, trace clay, Brown, soft, moist	
12	4	0.1	ML		12.0 SILT, some clay, little fine sand, Brown, stiff, moist to wet, Some orange mottling	
15			SP		15.0 fine to medium SAND, some silt, Brown, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-692

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951411.552
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123099.435
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.4	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry 4.0	DPT-692(0-4)_110314
4–8	4	1.0	FILL		ASH and cinders, little coal, Black, loose, dry to moist 8.0	DPT-692(4-8)_110314
8–12	4	1.2	FILL		ASH and cinders, little coal, Black, loose, moist, DTW (@9' bgs) 10.5	DPT-692(8-12)_110314
			ML		SILT, some fine sand, Brown, dense, moist, Some orange mottling 12.0	
12–16	4	0.0	SP		fine SAND, some silt, Brown, dense, wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-693

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951431.434
Date Started Drilling: 10/31/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123104.322
Date Finished Drilling: 10/31/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.6	FILL		0.0 fine to medium SAND, some fine to coarse gravel, little silt, Brown, loose, dry, Some ash at 3.5 to 4.0 ft bgs 4.0	DPT-693(0-4)_103114
4–8	4	0.3	FILL		fine to medium SAND, some fine to coarse gravel, little silt, Brown, loose, dry 5.0 ASH and cinders, Black, loose, dry 8.0	DPT-693(4-8)_103114
8–11	4	0.1	FILL		ASH and cinders, Black, loose, dry, DTW (@9' bgs) 11.0	DPT-693(8-12)_103114
11–12			ML		SILT, little fine sand, Brown, dense, dry, Some orange mottling 12.0	
12–13	4	0.1	ML		SILT, some fine sand, Brown, dense, dry 13.0	
13–16			SM		medium sand, Brown, loose, wet, lens	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-694

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951454.635
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123102.684
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	3	1.0	FILL		0.0 fine to medium SAND, some medium gravel, little silt, Brown, loose, dry 4.0	DPT-694(0-4)_103014
4–8	4	0.7	FILL		fine to medium SAND, some medium gravel, little silt, Brown, loose, dry 6.0 ASH and cinders, Black, loose, dry 8.0	DPT-694(4-8)_103014
8–12	4	0.3	FILL		ASH and cinders, Black, loose, dry, DTW (@9' bgs) 10.5	DPT-694(8-12)_103014
			ML		SILT, some fine sand, Brown, dense, moist, Some orange mottling 12.0	
12–16	4	0.0	ML		SILT, some fine sand, Brown, dense, moist, Some orange mottling	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-695

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951472.979
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123103.518
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.7	FILL		0.0 SILT, some fine sand, some fine to medium gravel, Brown, dense, dry to moist	DPT-695(0-4)_102914
					4.0	
5–8	4	0.5	FILL		ASH and cinders, Black, loose, dry	DPT-695(4-8)_102914
					8.0	
9–12	4	0.9	FILL		8.5 ASH and cinders, Black, loose, dry	DPT-695(8-12)_102914
			ML		SILT, little fine sand, trace fine to medium gravel, Brown, dense, dry, DTW (@9' bgs)	
					12.0	
13–16	4	0.0	ML		SILT, some fine to medium sand, trace clay, Brown, dense, moist to wet, Some orange mottling	
					14.0	
			SM		fine to medium sand, Brown, loose, wet, lens	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-696

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951496.827
Date Started Drilling: 10/29/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123100.932
Date Finished Drilling: 10/29/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.4	FILL		0.0 SILT, some fine sand, little fine to medium gravel, Brown, loose, dry, Little crushed concrete	DPT-696(0-4)_102914
4	4	1.1	FILL		4.0 SILT, some fine sand, some fine to medium gravel, Brown, dense, moist to wet, Little ash and cinders	DPT-696(4-8)_102914
8	4	1.9	ML		8.0 SILT, some fine sand, trace organics, Brown, dense, moist to wet, Some orange mottling, DTW (@9' bgs)	
12	4	1.1	ML		12.0 SILT, some fine sand, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-697

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951509.223
Date Started Drilling: 10/28/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123096.794
Date Finished Drilling: 10/28/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.6	FILL		0.0 fine SAND, with silt, trace brick, Brown, loose, moist	DPT-697(0-4)_102814
4	3	1.0	FILL		4.0 SILT, with fine sand, some ash, Brown, loose, dry	DPT-697(4-8)_102814
8	4	0.8	ML		8.0 SILT, some fine sand, trace clay, Brown, dense, moist to wet, Some orange mottling, DTW (@9' bgs)	DPT-697(8-12)_102814
12	4	0.5	ML		12.0 SILT, some fine sand, Brown, dense, moist to wet, Some medium sand lenses at 12 to 16 ft bgs	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-698

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951390.626
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123077.57
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.3	FILL		0.0 fine to medium SAND, some silt and fine to coarse gravel, Brown, loose, dry	DPT-698(0-4)_110314
3.5					ASH and cinders, Black, loose, dry	
4	4	0.8	FILL		ASH and cinders, Black, loose, dry	DPT-698(4-8)_110314
8	4	0.7	FILL		ASH and cinders, Black, loose, moist, DTW (@9' bgs)	DPT-698(8-12)_110314
11			ML		SILT, some clay, little fine sand, Brown, dense, moist, Some orange mottling	
12	4	0.0	ML		SILT, some clay, little fine sand, Brown, dense, moist, Some medium sand lenss at 12 to 16 ft bgs	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-699

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951412.555
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123082.288
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	1.8	FILL		0.0 fine to medium SAND, little silt and fine to medium gravel, Brown, loose, dry 4.0	DPT-699(0-4)_110314
5–8	4	1.2	FILL		ASH and cinders, trace coal, Black, loose, dry to moist 8.0	DPT-699(4-8)_110314
9–11	4	0.9	FILL		ASH and cinders, Black, loose, wet, DTW (@9' bgs) 11.0	DPT-699(8-12)_110314
11–12			ML		SILT, some wood fragments, Grayish Brown, dense, moist to wet 12.0	
13–16	4	0.1	ML		SILT, some fine sand, Brown, dense, moist	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-700

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951433.725
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123085.703
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	3	0.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry	DPT-700(0-4)_103014
4–8	4	0.3	FILL		4.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry 7.0 ASH and cinders, little fine sand, Black, loose, dry	DPT-700(4-8)_103014
8–12	4	1634	FILL		8.0 ASH and cinders, Black, loose, wet strong solvent odor, DTW (@9' bgs) 11.5	DPT-700(8-12)_103014
			ML		12.0 SILT, some fine sand, Brown, dense, moist, Some orange mottling	
12–16	4	30.4	ML		SILT, some fine sand, Brown, dense, moist, Occasional medium sand lenses at 13 to 16 ft bgs	DPT-700(12-16)_103014

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-701

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951457.576
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123080.558
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3.5	0.4	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry	DPT-701(0-4)_103014
3.5					ASH and cinders, Black, loose, dry	
4	4	0.8	FILL		4.0 ASH and cinders, little fine sand, Black, loose, dry, DTW (@7.5' bgs)	DPT-701(4-8)_103014
8	4	0.0	FILL		8.0 ASH and cinders, Black, loose, wet	DPT-701(8-12)_103014
9.5			ML		SILT, some fine sand, trace fine gravel, Brown, dense, moist, Some orange mottling	
12	4	0.0	ML		12.0 SILT, some fine sand, Brown, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-702

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951473.304
Date Started Drilling: 10/29/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123084.798
Date Finished Drilling: 10/29/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.5	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry	DPT-702(0-4)_102914
3					3.0 ASH and cinders, Black, loose, dry	
4	4	1.4	FILL		4.0 ASH and cinders, Black, loose, dry, Becomes wet at 7.5 ft bgs	DPT-702(4-8)_102914
8	4	1.3	FILL		8.0 ASH and cinders, Black, loose, wet, DTW (@7.5' bgs)	DPT-702(8-12)_102914
10			ML		10.0 SILT, trace fine gravel, Brown, dense, dry, Some orange mottling	
12	4	1.2	ML		12.0 SILT, little fine gravel, Brown, dense, moist, Occasional medium sand lenss at 12 to 16 ft bgs	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-703

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951493.372
Date Started Drilling: 10/28/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123081.246
Date Finished Drilling: 10/28/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	4.4	FILL		0.0 fine SAND, little silt, trace fine to medium gravel, Brown, loose, dry	DPT-703(0-4)_102814
2					2.0 ASH and cinders, some fine sand, Black, loose, dry	
4	4	6.0	FILL		4.0 ASH and cinders, some fine sand, Black, loose, moist to wet	DPT-703(4-8)_102814
8	4	4.0	FILL		8.0 ASH and cinders, Black, loose, wet, DTW (@7.5' bgs)	DPT-703(8-12)_102814
9			ML		9.0 SILT, little fine sand, Brown, dense, moist, Some orange mottling	
12	4	0.0	ML		12.0 SILT, some fine to medium sand, Brown, dense, wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-704

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951510.764
Date Started Drilling: 10/28/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123080.727
Date Finished Drilling: 10/28/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 12
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.9	FILL		0.0 fine to medium SAND, some silt, little fine to coarse gravel, Brown, loose, dry	DPT-704(0-4)_102814
4	4	2.0	FILL		4.0 fine SAND, some silt, little fine to coarse gravel, Brown, loose, dry, Little coal slag at 6 ft bgs	DPT-704(4-8)_102814
6			ML		6.0 SILT, some fine sand, trace fine to medium gravel, Brown, dense, dry, Some orange mottling	
8	4	1.1	ML		8.0 SILT, some fine sand, trace fine gravel, Brown, dense, dry	
12	4	1.3	ML		12.0 SILT, some fine sand, trace fine gravel, Brown, dense, wet, Occasional medium sand lenss at 12 to 16 ft bgs, DTW (@12' bgs)	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-705

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951398.464
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123049.436
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.4	FILL		0.0 fine SAND, some silt, little medium to coarse gravel, Brown, loose, dry	DPT-705(0-4)_110314
1					1.0 ASH and cinders, some fine sand, Black, loose, dry	
2						
3						
4					4.0	
4	4	1.0	FILL		ASH and cinders, little fine sand, Black, loose, dry	DPT-705(4-8)_110314
5						
6						
7						
8					8.0	
8	4	0.3	FILL		ASH and cinders, little fine sand, Black, loose, wet, DTW (@8' bgs)	DPT-705(8-12)_110314
9					9.0	
9			ML		SILT, some clay, little fine sand, Brown, dense, moist, Some orange mottling	
10						
11						
12					12.0	
12	4	0.1	ML		SILT, some clay, little fine to medium sand, Brown, dense, moist	
13						
14						
15					15.0	
15			SP		fine to medium SAND, some silt, Brown, loose, wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-706

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951416.949
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123060.851
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.7	FILL		0.0 fine to medium SAND, some fine to medium gravel trace silt, Brown, loose, dry	DPT-706(0-4)_110314
1					1.5 ASH and cinders, trace coal, Black, loose, dry	
2						
3						
4					4.0	
4	4	0.5	FILL		ASH and cinders, Black, loose, dry, DTW (@6' bgs)	DPT-706(4-8)_110314
5						
6						
7						
8					8.0	
8	4	0.9	FILL		ASH and cinders, Black, loose, wet	DPT-706(8-12)_110314
9						
10					10.5	
11			ML		SILT, some clay, little fine sand, Brown, dense, moist, Some orange mottling	
12					12.0	
12	4	0.8	ML		SILT, some clay, little fine sand, Brown, dense, moist	
13						
14					14.0	
14			SP		fine to medium SAND, some silt, loose, wet	
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-707

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951439.525
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123058.688
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.2	FILL		0.0 fine to medium SAND, some medium to coarse gravel trace silt, Brown, loose, dry	DPT-707(0-4)_103014
2.5					2.5 ASH and cinders, some fine sand, Black, loose, dry	
4	3	0.8	FILL		4.0 ASH and cinders, some fine sand, Black, loose, moist, DTW (@7.5' bgs)	DPT-707(4-8)_103014
8	4	0.8	FILL		8.0 ASH and cinders, Black, loose, wet	DPT-707(8-12)_103014
10			ML		10.0 SILT, some fine sand, Brown, dense, moist, Some orange mottling	
12	4	0.3	ML		12.0 SILT, some fine sand, Brown, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

UTC CARRIER - 2012-09 RA PPG_LOGS_A.GDT - 4/27/15 08:51

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-708

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951459.7
Date Started Drilling: 10/30/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123058.606
Date Finished Drilling: 10/30/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	0.8	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry	DPT-708(0-4)_103014
1					1.5 ASH and cinders, little fine sand, Black, loose, dry	
2						
3						
4					4.0	
4	2.5	0.4	FILL		ASH and cinders, little fine sand, Black, loose, dry	DPT-708(4-8)_103014
5						
6						
7						
8					8.0	
8	4	0.1	FILL		ASH and cinders, Black, loose, wet, DTW (@8' bgs)	DPT-708(8-12)_103014
9					9.5	
10			ML		SILT, some fine sand, Brown, dense, moist, Some orange mottling	
11						
12					12.0	
12	4	0.3	SP		medium SAND, Brown, loose, wet	
13						
14					14.0	
14			ML		SILT, some fine sand, Brown, dense, moist, Some orange mottling	
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-709

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951477.038
Date Started Drilling: 10/29/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123058.421
Date Finished Drilling: 10/29/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	2.1	FILL		0.0 fine to medium SAND, some medium to coarse gravel, some ash, Brown, loose, dry	DPT-709(0-4)_102914
4	4	0.9	FILL		4.0 ASH and cinders, some fine sand, Black, loose, wet, DTW (@6.5' bgs)	DPT-709(4-8)_102914
8	4	0.6	FILL		8.0 ASH and cinders, some fine sand, Black, loose, wet	DPT-709(8-12)_102914
10			ML		10.0 SILT, little fine sand, trace fine gravel, Brown, dense, moist, Some orange mottling	
12	4	0.0	ML		12.0 SILT, little fine sand, Brown, dense, moist, Occasional medium sand lenss at 12 to 16 ft bgs	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-710

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951496.279
Date Started Drilling: 10/28/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123055.388
Date Finished Drilling: 10/28/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.0	FILL		0.0 SILT, some fine sand, some brick, Brown, loose, dry	DPT-710(0-4)_102814
2			FILL		2.0 ASH and cinders, Black, loose, dry	
4	4	2.8	FILL		4.0 ASH and cinders, Black, loose, moist to wet, DTW (@7.5' bgs)	DPT-710(4-8)_102814
8	4	4.0	FILL		8.0 ASH and cinders, Black, loose, moist to wet	DPT-710(8-12)_102814
9			ML		9.0 SILT, little fine sand, Brown, dense, moist, Some orange mottling	
12	4	0.0	SP		12.0 fine SAND, little silt, Brown, loose, wet	
15			ML		15.5 SILT, some fine sand, little clay, Brown, dense, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-711

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951513.324
Date Started Drilling: 10/27/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123057.604
Date Finished Drilling: 10/27/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, some fine to coarse gravel, little silt, Brown, loose, dry	DPT-711(0-0.5)_102714
3					3.0 ASH and cinders, some brick, Black, loose, dry	
4	4	2.0	FILL		4.0 ASH and cinders, some fine sand, Black, loose, wet, DTW (@7.5' bgs)	DPT-711(4-8)_102714
8	4	0.9	FILL		8.0 ASH and cinders, some fine sand, Black, loose, wet	DPT-711(8-12)_102714
10			ML		10.0 SILT, some fine sand, Brown, dense, dry, Some orange mottling	
12	4	0.0	ML		12.0 SILT, some fine sand, Brown, dense, moist, Some orange mottling	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-801

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951268.652
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123553.647
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	3	0.4	FILL		0.0 ASH and cinders, (crushed concrete @ 3.5-4.0' bgs), Black, loose, slightly moist	DPT-801(0-4)_111314
4–8	4	5.5	FILL		4.0 ASH and cinders, metal slag pellets, Black, loose, slightly moist, oxidation staining	DPT-801(4-8)_111314
8–12	4	0.6	FILL		8.0 ASH and cinders, metal slag pellets, Black, loose, slightly moist, oxidation staining	
			ML		8.5 SILT and fine sand, some orange mottling, trace roots, Grayish Brown, moist to wet, DTW @ 9.0'bgs	
12–13	4	4.7	ML		12.0 SILT, some fine sand, little clay, Brown, soft, moist to wet	
13–16			SP		13.0 fine SAND, little silt, clay, Gray, dense, wet to saturated	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-802

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951367.408
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123560.756
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 8.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.4	FILL		0.0 fine to medium SAND, some medium to coarse gravel, (ash, cinders, some coal fragments @ 2.0 to 3.0' bgs), Grayish Brown, loose, slightly moist, some black staining	DPT-802(0-4)_111314
4	2	0.5	FILL		4.0 fine SAND, little silt, medium to coarse gravel, Gray, slightly moist 5.0 ASH and cinders, Black, loose, slightly moist	DPT-802(4-8)_111314
8	3	0.4	FILL		8.0 ASH and cinders, Black, loose, slightly moist, DTW @ 8.5' bgs	DPT-802(8-12)_111314
11			ML		11.0 Organic SILT, little fine sand, roots, Grayish Brown, soft, moist	
12	4	1.4	SM		12.0 fine SAND, little interbedded silt, clay (orange mottling @ 15.0-15.5' bgs), Brown, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-803

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951562.871
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123545.128
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	773	FILL		0.0 fine to medium SAND, some medium to coarse gravel, silt, trace ash, coal fragments, Brown, loose, slightly moist	DPT-803(0-4)_111314
4	4	>9999	FILL		4.0 fine to medium SAND, some medium to coarse gravel, silt, little brick fragments, trace ash, coal fragments, Brown, loose, slightly moist	DPT-803(4-8)_111314
8	4	1641	SM		5.0 SILT, some fine sand, little brick fragments, soft, slight black staining @ 7.5 to 8.0' bgs 8.0 fine SAND, some silt, (little NAPL blebs @ 8.0 to 8.5'bgs), dense, moist to wet, slight odor, sheen, DTW @ 10.0'bgs	DPT-803(8-12)_111314
11			ML		11.0 Organic SILT, some fibers, Brown, soft, moist, slight black staining	
12	4	46	SP		12.0 fine to medium SAND, little silt, Brown, loose, moist to wet	DPT-803(12-16)_111314
13			ML		13.5 SILT, some fine sand, orange mottling, Brown, soft, moist	
14			SP		14.5 fine SAND, little silt, Grayish Brown, wet to saturated, slight sheen on water, black staining in soil	
16	4	8.0	CL		16.0 CLAY, low plasticity, soft, wet	DPT-803(16-20)_111314
17						
18						
19						
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-804

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951568.578
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123636.88
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.8	FILL		fine to medium SAND, and medium to coarse gravel, trace ash, cinders, Brown, loose, slightly moist	DPT-804(0-4)_111314
4	4	1.7	FILL		ASH and cinders, trace coal fragments, Black, loose	DPT-804(4-8)_111314
5					SILT, with fine sand, some orange mottling, trace medium to coarse gravel, Brown, slightly moist	
8	4	220	FILL		ASH and cinders, trace brick fragments, some medium to coarse gravel, slightly moist, some black staining	DPT-804(8-12)_111314
10					SILT, some ash, cinders, Brown, moist to wet, slight black staining,DTW @ 10.0'bgs	
11			ML		SILT, some fine sand, litte roots, orange mottling, Brown, soft, moist to wet	
12	4	150	SM		fine SAND, some interbedded clay, little silt, Brown to Gray, wet to wet, slight staining	DPT-804(12-16)_111314
16	4	1.2	SM		fine SAND, some interbedded clay, Gray, loose, wet to saturated	DPT-804(16-20)_111314
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-805

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951551.885
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123518.281
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3.5	2.3	FILL		0.0 fine to medium SAND, some medium to coarse gravel, ash, (wood fragments @ 3.5' to 4.0'bgs), dry	DPT-805(0-4)_111314
4	4	1.0	ML		4.0 SILT, some fine sand, some orange mottling, little fine gravel, loose, moist, DTW @ 7.5' bgs	DPT-805(4-8)_111314
8	4	0.3	ML		8.0 SILT, some fine sand, some orange mottling, little fine gravel, grade fine with depth, Brown to Gray, soft, moist	
12	4	1.3	ML		12.0 SILT, some fine sand, orange mottling, (medium sand lens @ 15.5 to 16.0' bgs), Brown, soft, moist	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-806

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951255.212
Date Started Drilling: 11/17/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123651.432
Date Finished Drilling: 11/17/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 ASH and cinders, trace roots, vegetation, Black, slightly moist	DPT-806(0-4)_111714
4	4	0.0	FILL		4.0 ASH and cinders, coal fragments, Black, slightly moist	DPT-806(4-8)_111714
7			ML		7.0 SILT, some fine sand, orange mottling, Brown, soft, slightly moist, DTW @ 7.5' bgs	
8	4	52.8	ML		8.0 SILT, some fine sand, orange mottling, Brown, soft, slightly moist	DPT-806(8-12)_111714
9					9.0 fine SAND, with silt, Brown, dense, wet	
11					11.0 SILT, some fine sand, Brown, soft, moist to wet	
12	4	295	ML		12.0 SILT, some fine sand, Brown, soft, moist to wet	DPT-806(12-16)_111714
15			SP		15.0 fine SAND, little silt, Gray, loose, wet to saturated	
16	4	1209	SP		16.0 fine SAND, little silt, Gray, loose, wet to saturated	DPT-806(16-20)_111714
18			CL		18.0 CLAY, Gray, low plasticity, soft, wet	
20						

Comments:
(Note bgs = below ground surface)

UTC CARRIER - 2012-09 RA PPG_LOGS_A.GDT - 4/27/15 08:51

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-807

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951277.38
Date Started Drilling: 11/17/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123699.669
Date Finished Drilling: 11/17/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		ASH and cinders,trace silt, roots, vegatation, Black, loose	DPT-807(0-4)_111714
4	4	0.1	FILL		ASH and cinders,trace silt, roots, vegatation, Black, loose	DPT-807(4-8)_111714
5			ML		SILT, some fine sand, soft, moist to wet, DTW @ 6.5' bgs	
8	4	11.4	SM		fine SAND, some interbedded silt, clays, Grayish Brown to Gray, dense, moist to wet	
12	4	210	CL		CLAY, some interbedded fine sand, little clay, Gray, moist to wet	DPT-807(12-16)_111714
16	4	107	SM		fine SAND, little clay, Gray, loose, slightly moist to saturated	DPT-807(16-20)_111714
18			CL		CLAY, little fine sand, Gray, soft, wet	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-808

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951375.986
Date Started Drilling: 11/17/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123726.229
Date Finished Drilling: 11/17/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.0
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 ASH and cinders, some fine to medium sand, roots vegataion, Black, loose	DPT-808(0-4)_111714
4	4	0.0	FILL		4.0 fine SAND, some silt, little medium to coarse gravel, trace crushed concrete, Brown, loose, DTW (@7' bgs)	DPT-808(4-8)_111714
8	4	0.0	ML		8.0 SILT, some interbedded fine sand, orange mottling, Brown, moist to wet	
12	4	130	CL		12.0 CLAY, Gray, low plasticity, soft, wet	DPT-808(12-16)_111714
15			SM		15.0 fine SAND, trace interbedded clay, Gray, dense, wet	
16	4	57.2	SM		16.0 fine SAND, some silt, Gray, loose, wet to saturated	DPT-808(16-20)_111714
18			CL		18.0 CLAY, trace fine sand, Gray, low plasticity, soft	
20						

Comments:
(Note bgs = below ground surface)

UTC CARRIER - 2012-09 RA PPG_LOGS_A.GDT - 4/27/15 08:51

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-809

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951455.117
Date Started Drilling: 11/17/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123742.277
Date Finished Drilling: 11/17/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 ASH and cinders, little roots vegetation, Black, loose, dry	DPT-809(0-4)_111714
2					2.0 fine to medium SAND, little medium to coarse gravel, Brown, loose, dry	
4	4	0.0	FILL		4.0 fine to medium SAND, some silt, little medium to coarse gravel, wood fragments, Brown, loose, slightly moist to moist	DPT-809(4-8)_111714
8	4	163	ML		8.0 SILT, some orange mottling, little interbedded fine sand, soft, moist to wet, DTW @ 9.0'bgs	DPT-809(8-12)_111714
12	4	254	CL		12.0 CLAY, with interbedded sand , Gray, low plasticity, wet	DPT-809(12-16)_111714
15			SP		15.0 fine SAND, Gray, loose, slightly moist	
16	4	158	CL		16.0 CLAY, (fine sand lens @ 16.5 to 17.0' bgs), Gray, low plasticity, soft, wet	DPT-809(16-20)_111714
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-810

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951524.065
Date Started Drilling: 11/18/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123753.78
Date Finished Drilling: 11/18/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	0.0	FILL		0.0 fine to medium SAND, some silt, little medium to coarse gravel (roots, vegetation, @ 0.0 to 1.0'bgs), Brown, slightly moist 4.0	DPT-810(0-4)_111814
4–8	4	0.0	ML		SILT, little fine sand, orange mottling, trace roots, medium to coarse gravel, soft, moist to wet, DTW @ 6.0'bgs 8.0	DPT-810(4-8)_111814
8–12	4	0.0	ML		SILT, little fine sand, orange mottling, trace roots, medium to coarse gravel, soft, moist to wet 12.0	
12–16	4	0.0	ML		SILT, some interbedded fine sand, orange mottling, Brown, soft, moist 16.0	
16–20	4	0.0	CL		CLAY, Gray, low plasticity, soft, wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-811

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951578.98
Date Started Drilling: 11/18/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123733.858
Date Finished Drilling: 11/18/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6.0
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, some silt, little medium to coarse gravel (roots, vegatation @ 0.0 to 0.5' bgs), Brown, loose, slightly moist	DPT-811(0-4)_111814
4	4	0.0	FILL		4.0 fine to medium SAND, some silt, little medium to coarse gravel(crushed concrete @ 4.0 to 4.5' bgs), Brown, loose, slightly moist, DTW (@6' bgs)	DPT-811(4-8)_111814
8	4	0.0	ML		8.0 SILT, some orange mottling, little fine sand, trace clay, roots, Brown, stiff, moist to wet	
12	4	0.6	CL		12.0 CLAY, some interbedded fine sand lenses, Gray, soft, wet	
15			SM		15.0 fine SAND, little clay, Gray, moist to wet	
16	4	0.0	CL		16.0 CLAY, Gray, low plasticity, soft, wet	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-812

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951323.94
Date Started Drilling: 11/18/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123633.953
Date Finished Drilling: 11/18/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, little silt, medium to coarse gravel, trace crushed concrete, Brown, slightly moist	DPT-812(0-4)_111814
4	4	0.0	FILL		4.0 SILT, some fine sand, Brown, soft, moist to wet	DPT-812(4-8)_111814
					5.0 SILT, with ash, cinders, medium to coarse gravel, DTW @ 7.0'bgs	
					7.0 SILT, some fine sand, Brown, soft, moist to wet	
8	4	3.2	FILL		8.0 SILT, little fine sand, orange mottling, trace ash cinders, Brown, soft, moist	
			SM		10.5 fine SAND, little silt, Brown, loose, moist to wet	
12	4	272	ML		12.0 SILT, some interbedded fine sand, soft, wet to saturated	DPT-812(12-16)_111814
			CL		14.0 CLAY, trace fine sand, Gray, low plasticity, soft, moist to wet	
16	4	1628	SP		16.0 fine SAND, Gray, loose, wet to saturated	DPT-812(16-20)_111814
			CL		18.0 CLAY, Gray, soft, wet	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-813

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951236.44
Date Started Drilling: 11/19/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123572.911
Date Finished Drilling: 11/19/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		fine to medium SAND, little medium to coarse gravel, silt, (ash, cinders, trace brick @ 3.0 to 4.0'bgs), Brown to Black, loose, dry	DPT-813(0-4)_111914
4	4	0.0	FILL		ASH and cinders, sludge-like material, trace crushed concrete, Black, DTW @ 6.0' bgs	DPT-813(4-8)_111914
8	4	4.7	FILL		ASH and cinders, sludge-like material, trace crushed concrete, Black, DTW @ 6.0' bgs	
9			ML		SILT, some orange mottling, little fine sand, Brown, stiff, moist to wet	
12	4	37.9	ML		SILT, some orange mottling, little fine sand, Brown, stiff, moist to wet	DPT-813(12-16)_111914
13			SP		fine SAND, Gray, loose, wet to saturated	
15			CL		CLAY, interbedded fine sand, Gray, low plasticity, soft, wet to saturated	
16	4	404	SP		fine SAND, Gray, loose, wet to saturated	DPT-813(16-20)_111914
20	3	18.7	CL		CLAY, Gray, soft, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: DPT-814

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951359.444
Date Started Drilling: 11/18/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123640.929
Date Finished Drilling: 11/18/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, some silt, medium to coarse gravel, (ash, cinders @ 3.0 to 4.0' bgs), loose, slightly moist	DPT-814(0-4)_111814
4	4	0.0	FILL		4.0 SILT, with fine sand, (trace ash,cinders @ 7.5 to 8.0' bgs), Brown, loose, moist to wet, DTW @ 7.0'bgs	DPT-814(4-8)_111814
8	4	0.2	SM		8.0 fine SAND, some silt, trace wood fragments, little medium to coarse gravel, Grayish Brown, wet sheen	DPT-814(8-12)_111814
10			ML		10.0 SILT, some orange mottling, little fine sand, Brown, loose, moist to wet	
12	4	261	SM		12.0 fine SAND, some silt, Brown, soft, wet to saturated	DPT-814(12-16)_111814
14			CL		14.0 CLAY, and interbedded fine sand, Gray, low plasticity, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-501

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951612.62
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123806.312
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 6
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	19.2	FILL		0.0 fine to medium SAND, some silt, trace brick fragments, fill material, Brown, loose, slightly moist	SB-501(0-0.5)_111114
1						SB-501(0-4)_111114
2						
3						
4					4.0	
4	3	5.0	FILL		fine to medium SAND, some silt, trace roots, Brown, slightly moist	SB-501(4-8)_111114
5					5.0	
5			ML		SILT, some fine to medium sand, little organic fibers, moist to wet, trace black staining, DTW @ ~6.0'bgs	
6						
7						
8					8.0	
8	4	3.1	SP		fine to medium SAND, some clay ,silt , Brown, wet to saturated, clay and silt lens @ 8.0-9.0' bgs	
9						
10						
11						
12					12.0	
12	4	2.6	CL		CLAY, trace fine sand, Gray, moist to wet, 4" sand lens @ 15.5-16.0' bgs	
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-502

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951304.68
Date Started Drilling: 11/12/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123692.234
Date Finished Drilling: 11/12/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	16.1	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry to slightly moist	SB-502(0-0.5)_111214 SB-502(0-4)_111214
4	4	0.3	ML		4.0 SILT, some fine sand, stiff, dry to slightly moist, some orange mottling	SB-502(4-8)_111214
8	4	3.8	ML		8.0 SILT, some fine sand, stiff, dry to slightly moist, some orange mottling, DTW @ 10.0'bgs	
11			CL		11.0 CLAY, gray, soft, moist	
12	4	435	SM		12.0 fine SAND, some clay, Gray, loose, wet	SB-502(12-16)_111214
13			CL		13.5 CLAY, gray, soft, wet	
16	4	125	CL		16.0 CLAY, gray, soft, wet	SB-502(16-20)_111214
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-503

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951410.272
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123704.739
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 28 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
	0.5	8.0	FILL		0.0 fine to medium SAND, trace ash, decomposing vegetation, Black, slightly moist	SB-503(0.0-0.5)_111114
	3.5	37.5	FILL		0.5 fine to medium SAND, little silt, cinders, wood fragments, roots, Brown, loose to dense, slightly moist	SB-503(0-4)_111114
4	4	407	FILL		4.0 fine to medium SAND, little silt medium to coarse gravel ,cinders, Brown, loose, slightly moist, oxidation staining	SB-503(4-8)_111114
8	4	5730	ML		6.0 ASH, with cinders, little medium to coarse gravel, @ 7.5-8.0' bgs silt with wood fragments, Black, moist to wet, DTW @ 7.5' bgs 8.0 SILT, some clay, soft to stiff, moist, some orange mottling	SB-503(8-12)_111114
			SM		11.0 fine to medium SAND, little silt, Brown, wet to saturated	
12	4	4200	SM		12.0 fine SAND, little silt, @ 15.5-16.0 clay lens, Grayish Brown, dense, wet to saturated	SB-503(12-16)_111114
16	4	402	SM		16.0 fine SAND, little silt, Gray, soft, wet to saturated, interbedded, clay lens	SB-503(16-20)_111114
20	3	240	SM		20.0 fine SAND, little silt, Gray, loose, wet to saturated	SB-503(20-24)_111114
					24.0	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-503

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951410.272
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123704.739
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 28 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
25	2	80	CL		CLAY, trace silt, Gray, low plasticity, soft, wet to saturated	SB-503(24-28)_111114
26						
27						
28						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-504

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951504.515
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123712.451
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	20.1	FILL		fine to medium SAND, with medium to coarse gravel, trace crushed concrete, Grayish Brown, loose, slightly moist	SB-504(0.0-0.5)_111114 SB-504(0-4)_111114
4	4	268	FILL		fine to medium SAND, with medium to coarse gravel, trace crushed concrete, brick fragments, Reddish Brown, loose, slightly moist	SB-504(4-8)_111114
8	4	>9999	FILL		fine to medium SAND, with medium to coarse gravel, Brown, loose, slightly moist	SB-504(8-12)_111114
10			ML		SILT, with fine sand, trace clay, some orange mottling, Brown, moist to wet, DTW @ 10.5' bgs	
12	4	>9999	SM		fine SAND, some silt, little clay,(@14.0-15.0'bgs clay lens, soft, low plasticity), Grayish Brown, loose, moist to wet	SB-504(12-16)_111114
16	4	>9999	SM		fine to medium SAND, little silt, Gray, loose, wet to saturated	SB-504(16-20)_111114
17.5			CL		CLAY, trace fine sand, Gray, low plasticity, soft, moist to wet	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-505

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951602.547
Date Started Drilling: 11/11/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123740.506
Date Finished Drilling: 11/11/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	39.8	FILL		0.0 fine to medium SAND, with medium to coarse gravel, little silt, Brown, loose	SB-505(0.0-0.5)_111114 SB-505(0-4)_111114
4	4	8.4	FILL		4.0 fine to medium SAND, with medium to coarse gravel, some silt, Brown, loose, DTW @ 7.5' bgs	SB-505(4-8)_111114
8	4	7.3	ML		8.0 SILT, little fine sand, medium to coarse gravel, some orange mottling, Brown, stiff	SB-505(8-12)_111114
9			SM		9.0 fine to medium SAND, Grayish Brown, loose, moist to wet	
12	4	1.8	SM		12.0 fine to medium SAND, Grayish Brown, loose, moist to wet	
13			CL		13.0 CLAY, Gray, low plasticity, soft, moist to wet	
16	4	1.3	CL		16.0 CLAY, Gray, low plasticity, soft, moist to wet	
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-506

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951239.544
Date Started Drilling: 11/12/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123603.602
Date Finished Drilling: 11/12/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 ASH and cinders, some coal fragments @ 3.5-4.0' bgs, Brown to Black, loose, dry	SB-506(0-0.5)_111214 SB-506(0-4)_111214
4	4	0.0	FILL		4.0 ASH, with cinders, Brown to Black, loose, dry	SB-506(4-8)_111214
7			ML		7.0 SILT, some fine sand, some orange mottling, Brown, dense	
8	4	21.6	ML		8.0 SILT, some fine sand, some orange mottling, Brown, dense, DTW @11.0'bgs	
12	4	>9999	SM		12.0 fine to medium SAND, some silt, Brown, loose, wet	SB-506(12-16)_111214
13			ML		13.0 SILT, some fine sand, Brown, stiff, wet	
15			SM		15.0 fine to medium SAND, some clay, Gray, dense, wet	
16	4	>9999	SM		16.0 fine SAND, some clay, Gray, loose, wet	SB-506(16-20)_111214
20	4	4.6	CL		20.0 CLAY, Gray, soft, wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-507

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951310.833
Date Started Drilling: 11/12/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123609.484
Date Finished Drilling: 11/12/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	69.1	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, loose, dry	SB-507(0-0.5)_111214
1						SB-507(0-4)_111214
2						
3						
4					4.0	
4	3.5	979	FILL		fine to medium SAND, some medium to coarse gravel, little silt, loose, dry	SB-507(4-8)_111214
5						
6					6.5 ASH and cinders, little wood fragments, Brown to Black, loose, dry	
7						
8					8.0	
8	4	0.0	ML		SILT, little fine sand, some orange mottling, Brown, dense, DTW @ 11.0'bgs	SB-507(8-12)_111214
9						
10						
11					11.0	
11			SM		fine SAND, some silt, Brown, loose, wet	
12					12.0	
12	4	326	SM		fine SAND, some silt, Brown, loose, wet	SB-507(12-16)_111214
13					13.0	
13			ML		SILT, little fine sand, Brown, dense, wet	
14					14.0	
14			CL		CLAY, Gray, low plasticity, very soft, wet	
15						
16						

Comments:
(Note bgs = below ground surface)

UTC CARRIER - 2012-09 RA PPG_LOGS_A.GDT - 4/27/15 08:51

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-508

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951392.319
Date Started Drilling: 11/12/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123605.827
Date Finished Drilling: 11/12/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 12
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.1	FILL		0.0 fine to medium SAND, some medium to coarse gravel, Brown, loose, slightly moist, some black staining	SB-508(0-0.5)_111214 SB-508(0-4)_111214
3					3.0 ASH and cinders with crushed concrete @ 3.5-4.0' bgs, Black, loose, dry	
4	3	1.4	FILL		4.0 crushed CONCRETE @ 4.0 to 4.5' bgs, with wood fragments @ 4.5 to 6.0' bgs, loose, dry	SB-508(4-8)_111214
6					6.0 ASH and cinders, some fine sand, Black, loose, slightly moist	
8	3	2.0	FILL		8.0 8.5 ASH and cinders with wood fragments, loose, slightly moist, creosol odor, black staining	SB-508(8-12)_111214
9			ML		SILT, some fine sand, Brown, soft, slightly moist, slight black staining	
12	4	58.4	SM		12.0 fine SAND, little silt, Brown, loose to hard, wet, DTW @ 12.0'bgs	SB-508(12-16)_111214
13					13.5 fine SAND, some silt, little clay, Brown, dense to soft, moist	
16	3.5	324	SM		16.0 fine to medium SAND, Grayish Brown, loose, wet to saturated, black staining	SB-508(16-20)_111214
20	0				20.0 No Recovery, soil too wet to retrieve a core	

Comments: No recovery soil to wet to sample in macrocore, three attempts were made to obtain sample.
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-510

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951613.443
Date Started Drilling: 11/12/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123597.298
Date Finished Drilling: 11/12/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 9
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, little medium to coarse gravel, trace silt, ash,cinders, Brown, dry to slightly moist, little black staining	SB-510(0-0.5)_111214 SB-510(0-4)_111214
4	4	0.0	FILL		4.0 fine SAND, some silt, trace organics, Brown, loose, slightly moist	SB-510(4-8)_111214
8	4	0.0	FILL		8.0 SILT, with fine sand, Brown, soft to dense, slightly moist	SB-510(8-12)_111214
9			ML		9.0 SILT, some black staining trace, organics, ash, Brown to Black, moist to wet, DTW @ 9.0'bgs	
12	4	0.0	ML		12.0 SILT, some clay, little fine sand (fine to medium sand lens @ 15.0'bgs), Brown, soft, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-511

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951212.065
Date Started Drilling: 11/13/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123501.965
Date Finished Drilling: 11/13/14	**Core Size:** 2 in	**Boring Total Depth:** 24 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	2	1.1	FILL		0.0 ASH and cinders, little organics, Black, loose, slightly moist	SB-511(0-0.5)_111314
1						SB-511(0-4)_111314
2						
3						
4					4.0	
4	3.5	4.5	FILL		ASH and cinders, little medium to coarse gravel, Black, loose, slightly moist, oxidation staining @ 6.0 to 7.0' bgs	SB-511(4-8)_111314
5						
6						
7						
8					8.0	
8	4	3.8	FILL		fine SAND, some silt, trace roots, Black to Brown, dense, slightly moist, oxidation staining	
9					9.0	
9			ML		SILT, some fine sand, some organics, orange mottling (@ 11.5-12.0' fine sand lens, loose), Grayish Brown, soft, moist to wet, DTW @ 11.5'bgs	
10						
11						
12					12.0	
12	4	12.8	SM		fine SAND, little silt, trace clay (interbedded clays, silts and sands @ 15.5-16.0'), Brown, loose to dense, wet to saturated	
13						
14						
15						
16					16.0	
16	4	42.0	SM		fine SAND, little silt, Gray, loose, wet to saturated, slight black staining	SB-511(16-20)_111314
17						
18						
19						
20					20.0	
20	4	0.0	SM		fine SAND, little silt, Gray, loose, wet to saturated, slight black staining	
21					21.5	
22			CL		CLAY, little fine sand, Gray, low plasticity, soft, moist to wet	
23						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-512

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951319.502
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123493.245
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	1.2	FILL		0.0 ORGANICS, some silt, Brown to Black, soft, slightly moist	SB-512 (0-0.5)_110514
1					1.0 ASH and cinders, some rock fragments, coal slag, Black, loose, dry	SB-512 (0-4)_110514
2					2.0 fine SAND, some silt, rock fragments, Brown, loose, slightly moist	
3						
4	3	4.2	FILL		4.0 fine SAND, and silt, some rock fragments, (brick fragments @ 4.0 to 4.5' bgs), Black, loose, dry	SB-512 (4-8)_110514
5						
6					6.0 ASH and cinders with coal slag, rock fragments, Black, loose, dry	
7						
8	3	1.3	ML		8.0 SILT, some clay, little fine sand, Brown to Gray, soft, moist to wet, DTW @ 10.0' bgs	
9						
10						
11						
12	4	0.2	ML		12.0 SILT, some clay, little fine sand, Brown to Gray, soft, moist to wet	
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-513

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951412.672
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123500.794
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	14.9	FILL		0.0 ORGANICS, and roots, grass, some silt, Black, soft, slightly moist	SB-513 (0.0.5)_110514
1					1.0 ASH and cinders with fine sand, some metal flakes, Black, loose, dry	SB-513 (0-4)_110514
2		1.5			2.0 fine to medium SAND, and fine to medium gravel, some ash, Brown to Black, loose, dry	
3						
4	1.5	7.9	FILL		4.0 ASH, and cinder with wood fragments, crushed concrete, Black, loose, dry to slightly moist	SB-513 (4-8)_110514
5						
6						
7						
8	4	3.1	FILL		8.0 ASH, little cinders with coal slag, Black, loose, slightly moist	SB-513 (8-12)_110514
9					9.0	
10			SM		fine SAND, and silt, some clay, Grayish Brown, moist to wet, DTW @10'bgs	
11					11.0 fine SAND, and silt, some clay, Brown, loose to soft, moist	
12	4	0.2	SM		12.0 fine SAND, with silt, some clay, Brown, dense to soft, moist	
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-514

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951508.643
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123506.502
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	0.6	FILL		0.0 ORGANICS, and roots, grass, some silt, Black, soft, slightly moist	SB-514 (0-0.5)_110514
1					1.0 fine SAND, with silt, trace clay, Brown, dense, slightly moist	SB-514 (0-4)_110514
2					2.0 fine to medium SAND, and fine to medium gravel, some ash, cinders, coal slag, Brown to Black, slightly moist	
3						
4	4	0.5	FILL		4.0 fine to coarse SAND, with coal slag, Black, loose, slightly moist	SB-514 (4-8)_110514
5					5.0 fine SAND, and silt, trace clay ,(ash,cinders @ 7.7 to 8.0'bgs), loose, slight solvent odor, DTW @ 7.0'bgs	
6						
7						
8	4	2.5	FILL		8.0 fine SAND, with silt, little clay, trace ash, coal slag, Gray, loose, moist to wet	SB-514 (8-12)_110514
9						
10						
11			SM		11.0 fine SAND, with silt, some clay, dense to soft, moist	
12	4	0.6	SM		12.0 fine SAND, with silt, some clay, dense to soft, moist	
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-515

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951604.677
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123498.406
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 8
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 ORGANICS, with roots, grass, some silt, Black, slightly moist	SB-515 (0-0.5)_110514
1					1.0 fine SAND, some silt, fine gravel (ash,cinders,coal slag @ 1.0-1.2' bgs), Brown to Black, loose, dry to moist	SB-515 (0-4)_110514
2						
3						
4					4.0	
4	4	0.0	FILL		fine SAND, and silt, some fine gravel, brick fragments, (trace clay lens @ 7.5 to 8.0' bgs) Brown, loose, slightly moist, DTW @ 8.0' bgs	SB-515 (4-8)_110514
5						
6						
7						
8					8.0	
8	3.75	0.0	SM		fine SAND, some silt, some clay, Gray to Black, moist to wet, slight black staining	
9						
10						
11						
12					12.0	
12	4	0.0	SM		fine SAND, and silt, trace clay, Brown, loose, wet to saturated	
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-516

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951245.623
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123393.022
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.4	FILL		0.0 ASH, with fine sand, little cinders, wood fragments, Black, loose, dry	SB-516(0-0.5)_110414
0.5					fine SAND, with medium to coarse gravel, little ash,cinders, Brown to Black, loose, dry to slightly moist	SB-516(0-4)_110414
4	4	0.0	FILL		4.0 fine to medium SAND, with medium to coarse gravel, trace silt, Brown, moist, DTW @ 7.0' bgs	SB-516(4-8)_110414
7			SM		7.0 fine to medium SAND, some silt, fine to medium gravel, Brown, moist	
8	4	1.2	ML		8.0 SILT, some clay, trace fine to medium sand, Brown, low plasticity, soft	SB-516(8-12)_110414
12	4	0.0	ML		12.0 SILT, little fine sand, wood fragments, roots, Brown, soft	
14			SM		14.0 fine SAND, some silt, trace clay, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-517

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951321.208
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123396.026
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	4.3	FILL		fine to medium SAND, some medium to coarse gravel, little silt, trace ash, wood fragments, Brown, loose, dry to slightly moist	SB-517(0-0.5)_110414
1						SB-517(0-4)_110414
2		32.4	FILL		ASH, some cinders, trace fine sand, coal fragments, fill material, Black, loose, dry to slightly moist	
3						
4	4	12.2	FILL		ASH, some cinders, little fine sand, trace coal fragments, fill material, Black, loose, dry to slightly moist	SB-517(4-8)_110414
5						
6					fine to medium SAND, little silt, trace cinders,ash, Brown, loose, dry to slightly moist, oxidation staining	
7						
8	4	21.8	FILL		ASH, some cinders, little fine sand, Black, loose, slightly moist	SB-517(8-12)_110414
9					fine SAND, some cinders, Brown to Black, loose, dry to slightly moist, oxidation staining	
10			ML		SILT, some clay, trace fine sand, some orange mottling, Brown, soft to stiff, slightly moist to moist, DTW @ 11.0'bgs	
11						
12	4	0.0	ML		SILT, some clay, trace fine sand, some orange mottling, Brown, soft to stiff, moist to wet	
13						
14						
15			SM		fine to medium SAND, little silt, Brown, dense, wet to saturated	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-518

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951419.254
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123405.691
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	0.2	FILL		0.0 ASH and cinders with coal slag, some fine gravelly sand, Black, loose, dry	SB-518 (0-0.5)_110514
1						SB-518 (0-4)_110514
2						
3		0.3	FILL		3.0 fine SAND, some silt,trace coal slag fragments, Brown, loose, dry to slightly moist	
4	3	0.6	SM		4.0 fine to medium SAND, some silt(interbedded silt @ 6" intervals), Brown, soft, slightly moist	SB-518 (4-8)_110514
5						
6						
7						
8	4	12.4	SM		8.0 fine to medium SAND, some silt(interbedded silt @ 6" intervals), Brown, soft, slightly moist, DTW @ 10.0' bgs	SB-518 (8-12)_110514
9						
10			ML		10.0 SILT, with fine sand, trace clay, Brown to Black, soft, moist to wet, black staining, creosote odor	
11			SM		11.0 fine SAND, with silt, trace clay, Brown, dense, moist	
12	4	0.4	ML		12.0 SILT, and clay, trace fine sand, Brown, soft, moist	
13						
14						
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-519

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951513.796
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123411.717
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3.5	24.5	FILL		0.0 ASH, and coal slag fragments, brick fragments, Black, loose, dry	SB-519 (0-0.5)_110514
1						SB-519 (0-4)_110514
2					2.0	
2			SM		fine SAND, and silt, trace clay, Brown, loose, wet, DTW @ 7.0'bgs	
3						
4					4.0	
4	4	0.6	SM		fine SAND, and silt, trace clay, Brown, wet, DTW @ 7.0' bgs	SB-519 (4-8)_110514
5						
6						
7						
8					8.0	
8	3.5	0.2	SM		fine SAND, and silt (interbedded silt @ 6" intervals), trace clay, Grayish Brown, dense to soft, moist	
9						
10						
11						
12					12.0	
12	4	0.6	SM		fine SAND, and silt, trace clay, Gray, dense, moist	
13						
14					14.0 fine SAND, and silt, Grayish Brown, dense, moist	
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-520

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951603.654
Date Started Drilling: 11/05/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123430.863
Date Finished Drilling: 11/05/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 13
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, little silt (organics, and ash, with coal slag @ 0.0-1.0), fine to medium gravel, Black to Brown, loose, slightly moist	SB-520 (0-0.5)_110514 SB-520 (0-4)_110514
4	4	0.0	FILL		4.0 fine to medium SAND, little silt, fine to medium gravel, Brown, loose, slightly moist	SB-520 (4-8)_110514
8	4	0.0	ML		8.0 SILT, and fine sand, little clay, some orange mottling, Brown, soft, moist	
11			SM		11.0 fine SAND, and silt, some roots, Brown, dense, moist	
12	4	0.0	ML		12.0 SILT, and fine sand, some clay, soft, moist to wet, DTW @ 13.0'bgs	
14			SM		14.0 fine SAND, and silt, some clay, Brown, dense to soft, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-521

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951255.31
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123357.932
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 15
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.9	FILL		0.0 fine SAND, some silt,(organics, trace roots,@ 0.0-0.5' bgs) some fine to medium gravel, trace brick fragments, coal fragments, Brown, loose, dry to slightly moist, slight black staining	SB-521(0-0.5)_110414 SB-521(0-4)_110414
4	3	33.5	FILL		4.0 fine to coarse GRAVEL, some fine sand, trace silt, crushed concrete, loose, dry 5.0 SILT, some fine sand, (wood fragments trace coal fragments @ 5.0-5.5'bgs) little clay, Brown, soft, dry to slightly moist	SB-521(4-8)_110414
8	4	3.5	ML		8.0 SILT, with clay, trace fine sand, some orange mottling, Brown, stiff, moist	SB-521(8-12)_110414
12	4	6.0	ML		12.0 SILT, little fine sand,wood fragments, roots, organics, Brown, moist	
14			SM		14.0 fine SAND, some silt, trace clay, Brown, dense, moist to wet, DTW @ 15.0'bgs	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-522

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951323.959
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123308.727
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 20 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 15
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	2.4	FILL		0.0 fine to medium SAND, little silt, trace medium to coarse gravel, Brown, loose, slightly moist	SB-522(0-0.5)_110414
1						SB-522(0-4)_110414
2		9.6				
3						
4	4	33.2	FILL		4.0 fine to medium SAND, with ash, some cinders, oxidation staining and white precipitate, trace medium to coarse gravel, Black, loose, slightly moist	SB-522(4-8)_110414
5						
6					6.0 ASH, little cinders, fine sand, Black, slightly moist	
7						
8	4	178	FILL		8.0 ASH, some cinders, wood fragments, trace fine to medium gravel, fine to medium sand, Black, loose, slightly moist, moderate solvent odor sheen	SB-522(8-12)_110414
9			ML		9.0 SILT, some clay trace fine sand, Grayish Brown, slight solvent odor, black staining	
10						
11						
12	4	47.5	ML		12.0 SILT, some clay, trace fine sand, some orange mottling, soft to stiff, moist	SB-522(12-16)_110414
13						
14						
15			SM		15.0 fine to medium SAND, little silt, Brown, dense, wet to saturated, moderate solvent odor, slight black staining, DTW @ 15.0'bgs	
16	4	63.2	SM		16.0 fine to coarse SAND, little silt, trace clay, Grayish Brown, wet	SB-522(16-20)_110414
17						
18						
19						
20						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-523

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951415.981
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123306.531
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1–4	4	6.1	FILL		0.0 ASH and cinders, little fine sand, (burnt wood fragments @ 0.0-0.5), Black, loose, moist, oxidation staining @ 3.5- 4.0	SB-523(0-0.5)_110414 SB-523(0-4)_110414
4–8	3	1.2	FILL		4.0 ASH and cinders, trace coal slag fragments, Black, loose, dry slightly moist, oxidation staining	SB-523(4-8)_110414
8–9	4	9.8	FILL		8.0 ASH and cinders, fine sand, Black, loose, dry to slightly moist	SB-523(8-12)_110414
9–12			ML		9.0 SILT, some clay, little fine sand, moist to wet, orange mottling, with slight oxidation staining, DTW @ 11.0' bgs	
12–13	4	6.0	ML		12.0 SILT, some clay, little fine sand, moist to wet, orange mottling, with slight oxidation staining	
13–16			SP		13.0 fine to coarse SAND, some silt, trace clay, Grayish Brown, loose to dense, moist to wet	

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-524

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951510.629
Date Started Drilling: 11/19/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123314.746
Date Finished Drilling: 11/19/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	0.0	FILL		0.0 ASH and cinders, trace brick fragments, (fine to medium sand, medium to coarse gravel @ 3.0-3.5' bgs), Black to Brown, loose, slightly moist	SB-524(0-0.5)_111914 SB-524(0-4)_111914
4	3	0.0	FILL		4.0 fine to medium SAND, and medium to coarse gravel, some ash, cinders, Brown, loose, slightly moist	SB-524(4-8)_111914
8	4	0.0	ML		8.0 SILT, little fine sand, some orange mottling, Brown, soft, moist to wet, DTW @ 11.5' bgs	
12	4	0.0	ML		12.0 SILT, little fine sand, some orange mottling, Brown, soft, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-525

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951614.733
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123311.273
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, some silt, Brown, loose, dry to slightly moist	SB-525(0-0.5)_110414
1						SB-525(0-4)_110414
2						
3						
4					4.0	
4	3.5	0.9	FILL		fine to medium SAND, some silt, medium to coarse gravel, Brown, loose, dry to slightly moist	SB-525(4-8)_110414
5						
6						
7						
8					8.0	
8	4	0.0	FILL		fine to medium SAND, some silt, fine to medium gravel, Brown, loose, dry to slightly moist	
9						
10						
11					11.0	
11			CL		CLAY, with silt, trace fine sand, low plasticity, soft, slightly moist to moist, DTW @ 11.0' bgs	
12					12.0	
12	4	0.0	ML		SILT with clay, little fine sand, orange mottling, Brown, soft to stiff, moist	
13						
14					14.0	
14			SM		fine to medium SAND, some silt, trace clay, Brown, dense, moist to wet	
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-527

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951323.529
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123201.988
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	2.0	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry, Little black ash	SB-527(0-0.5)_110414 SB-527(0-4)_110414
4	4	5.0	FILL		4.0 fine to medium SAND, some medium to coarse gravel, little silt, Brown, loose, dry, Trace coal fragments	SB-527(4-8)_110414
8	3	3.1	FILL		8.0 wood fragments, little fine to medium SAND, trace medium to coarse gravel	
9			ML		9.0 SILT, little fine sand, Grayish Brown, dense, moist, DTW (@11' bgs)	
12	4	0.8	SM		12.0 fine SAND, and silt, trace clay, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-528

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951417.997
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123202.289
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.3	FILL		0.0 fine to medium SAND, some silt, (medium to coarse gravel @2.5-3.0'bgs), loose, slightly moist	SB-528(0-0.5)_110414
1						SB-528(0-4)_110414
2						
3		0.5	FILL		3.0 fine to medium SAND, some ash,cinders, little medium to coarse gravel, trace wood fragments, Brown to Black, loose, black and oxidation staining	
4	4	2.0	FILL		4.0 ASH and cinders, some wood fragments, trace coal fragments, Black, loose, slightly moist	SB-528(4-8)_110414
5						
6						
7						
8	4	0.7	FILL		8.0 ASH and cinders, some wood fragments, trace coal fragments, Black, loose, moist	SB-528(8-12)_110414
9					9.0 ASH and cinders, some wood fragments, sludge like material, trace coal fragments, Black, loose, moist, slight sheen	
10						
11			ML		11.0 Organic SILT, some clay, little roots, decomposing vegetation, Grayish Brown, moist to wet, DTW @ 11.5' bgs	
12	4	0.0	CL		12.0 CLAY, with silt, some orange mottling, trace fine sand, Brown, medium plasticity, soft to stiff	
13						
14						
15			SM		15.0 fine to medium SAND, some silt, little clay, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-529

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951514.5783
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123206.9558
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 13
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	2.5	0.5	FILL		0.0 fine to medium SAND, some medium to coarse gravel, little silt, trace wood fragments, roots, Brown, loose, slightly moist	SB-529(0-0.5)_110414 SB-529(0-4)_110414
2.5					ASH and cinders, trace crushed concrete, Black, loose, dry to slightly moist, black staining	
4	4	2.9	FILL		4.0 ASH and cinders, medium to coarse gravel, trace metal slag, crushed concrete, dry to slightly moist, oxidation staining	SB-529(4-8)_110414
8	4	0.8	SM		8.0 fine SAND, some silt, trace medium to coarse gravel, Brown, loose to dense, slightly moist	
12	4	0.0	ML		12.0 SILT, with clay and little fine sand, some orange mottling, stiff, moist to wet, DTW @ 13.0'bgs	
14			SM		14.0 fine to medium SAND, little sil, trace clay, Brown, dense, moist to wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-530

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951612.844
Date Started Drilling: 11/04/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123206.175
Date Finished Drilling: 11/04/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 11.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	3	0.9	FILL		0.0 fine to medium SAND, some silt, decomposing vegetation trace roots, fine to medium gravel, Brown, loose, slightly moist	SB-530(0-0.5)_110414
1					1.0 fine to medium SAND, little silt, medium to coarse gravel, Brown, dense, dry to slightly moist	SB-530(0-4)_110414
2						
3						
4	4	2.9	FILL		4.0 fine to medium SAND, some silt, little medium to coarse gravel, Brown, dense, dry to slightly moist	SB-530(4-8)_110414
5						
6						
7						
8	4	1.3	ML		8.0 SILT, little fine sand, clay, trace medium gravel, Brown, stiff, slightly moist	
9						
10						
11			CL		11.0 CLAY, some silt, orange mottling, trace fine sand, Brown, low plasticity, soft to stiff, moist, DTW @ 11.5' bgs	
12	4	2.8	ML		12.0 SILT, with clay, some orange mottling, little fine sand, Brown, stiff, moist	
13						
14			SM		14.0 fine to medium SAND, some silt, trace clay, Brown, dense, moist to wet	
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-531

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951228.762
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123097.02
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 15
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.9	FILL		0.0 fine to medium SAND, some silt, trace wood fragments, crushed concrete, Brown, slightly moist	SB-531(0-0.5)_110414 SB-531(0-4)_110414
4	4	0.9	FILL		4.0 fine to medium SAND, some silt, trace wood fragments, crushed concrete, Brown, slightly moist	SB-531(4-8)_110414
6			ML		6.0 SILT, with fine sand, Grayish Brown, dense, moist	
8	4	0.0	ML		8.0 SILT, with fine sand, little fine to medium gravel, Brown, loose, moist	
12	4	0.0	ML		12.0 SILT, some fine sand, Brown, soft, moist	
14			SM		14.0 fine to medium SAND, little silt, Brown, moist to wet, DTW @15.0'bgs	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-533

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951424.009
Date Started Drilling: 11/03/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123098.653
Date Finished Drilling: 11/03/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 10
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	1.5	FILL		0.0 fine to medium SAND, some fine to medium gravel, little silt, trace crushed concrete, loose, dry to slightly moist	SB-533(0-0.5)_110314 SB-533(0-4)_110314
4	4	0.9	FILL		4.0 ASH and cinders, little coal fragments, fine sand, fill material, Black, loose, dry	SB-533(4-8)_110314
8	4	0.7	FILL		8.0 ASH and cinders, little coal fragments, fine sand, fill material (sludge-like material @ 10.0-11.0' bgs), moist to wet, DTW @ 10.0' bgs	SB-533(8-12)_110314
11			ML		11.0 Organic SILT, little roots, Grayish Brown, soft, moist	
12	4	0.0	SM		12.0 fine SAND, some silt, Brown, loose to dense, wet	
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-534

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951517.722
Date Started Drilling: 10/27/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123099.019
Date Finished Drilling: 10/27/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, some fine to coarse gravel, little silt, trace brick fragments, Brown, loose, dry	SB-534(0-0.5)_102714
1						SB-534(0-4)_102714
2					2.0 ASH and cinders, (coarse gravel @ 3.5' to 4.0' bgs), Black, dense, dry	
3						
4					4.0	
4	4	0.0	FILL		ASH, some fine sand, Black, loose, dry	SB-534(4-8)_102714
5					5.0	
5			SM		fine SAND, some silt, little fine gravel, Brown, dense, dry to moist, DTW @ 7.5'bgs	
6						
7						
8					8.0	
8	4	0.0	SM		fine SAND, some silt, little fine gravel, Brown, dense, moist	
9						
10					10.0	
10			ML		SILT, some fine sand, orange mottling, Brown, stiff, moist	
11						
12					12.0	
12	4	0.0	SP		medium SAND, Brown, loose, wet, homogenous	
13						
14					14.0	
14			CL		CLAY, Gray, medium plasticity, stiff, wet	
15						
16						

Comments:
(Note bgs = below ground surface)

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Boring ID: SB-535

Project Name: UTC Carrier	**Drilling Company:** Parratt-Wolff	
Project Number: 60310231	**Drilling Method:** Direct Push	**X Coordinate::** 951612.905
Date Started Drilling: 10/27/14	**Rig Type:** Geoprobe 6620	**Y Coordinate::** 1123100.882
Date Finished Drilling: 10/27/14	**Core Size:** 2 in	**Boring Total Depth:** 16 ft
Logged By: M. Irving	**Task Manager:** Rich Hixon	**Depth to Water:** 7.5
Physical Location: UTC AOC G Landfill		

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0	4	0.0	FILL		0.0 fine to medium SAND, little silt, little fine gravel, (trace ash @ 0.4' bgs), Brown, loose, dry	SB-535(0-0.5)_102714
1					1.0	SB-535(0-4)_102714
			ML		SILT, some fine sand, little fine to medium gravel, Brown, dense, dry	
4					4.0	
	4	0.0	ML		SILT, some fine sand, little fine to medium gravel, Brown, dense, dry	SB-535(4-8)_102714
6					6.0	
			SM		fine SAND, some silt, (little peat @ 6.5 to 7.5' bgs) trace fine gravel, Brown, dense, dry to moist, DTW @ 7.5' bgs	
8					8.0	
	4	0.0	ML		SILT, some fine sand, orange mottling, (medium sand, homogenous @ 11.5-12.0'bgs), Brown, moist	
12					12.0	
	4	0.0	SP		medium SAND, Brown, loose, wet	
13					13.0	
			CL		CLAY, Gray, medium plasticity stiff, moist	
16						

Comments:
(Note bgs = below ground surface)

AECOM

Soil Boring and Well Construction Log

BORING #: TR-28D

40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Client: UTC Carrier	**Location:** Syracuse, NY	**Logged By:** M. Irving
Project: UTC AOC G Landfill	**Northing:** 1123054.8 **Easting:** 951422.6	**Drilling Company:** Parratt-Wolff
Project #: 60310231	**Ground Elevation:** 410.7	**Well Screen Interval (ft bgs):** 50-60
Start Date: 11/24/2014	**Drilling Method:** HSA/Mud Rotary	**Water Level (ft):** 16.83
Finish Date: 11/24/2014	**Borehole Diameter:** 4 in	**Total Depth (ft):** 62

Depth (ft bgs)	Recovery Length (decimal feet)	PID (ppm)	Blowcounts	Graphic	USCS Code	Soil and Rock Description Classification Scheme: USCS	Well Construction Details	Well Construction	Lab Sample Collection
0									
2	2	0.0	10 10 11 12		FILL	fine to medium SAND, some medium to coarse gravel, little silt, Brown, dense, dry			
4	2	0.1	6 3 7 3		FILL	ASH, and cinders, Black, loose, dry	2" PVC Riser		
6	0	0.0	7 5 3 3		FILL	No Recovery			
8	0.5	0.0	9 6 5 5		FILL	ASH, and cinders, little silt, Black to Brown, moist to wet			
10	0	0.0				Drillers advance boring to 10'bgs, no recovery			
12	2	0.0	4 4 4 12		ML	SILT, some fine sand, orange mottling, Brown, dense, moist			
14									
16			13 5 2 35		ML	SILT, some fine to medium sand, orange mottling, Brown, dense, moist			
18	2	0.0			CL	CLAY, little fine sand, very soft, saturated			
20									
22	2	0.0	0 0 5 5		SP	medium SAND, homogenous, Gray, wet	Cement Bentonite Grout		
24					CL	CLAY, Gray, soft, wet			
26	2	0.0	15 1 1 1		SC	fine SAND, some clay, Gray, very soft, wet			
28									
30									
32	2	0.0	0 1 1 0		CL	CLAY, with interbedded sand lense, Gray, soft, wet			
34	2	0.0	0 0 0 0		CL	CLAY, soft to stiff, moist to wet, 4" steel casing set @ 34'bgs			
	2	0.0	0 0 0		CL	CLAY, trace very fine to fine sand, Gray, soft to stiff			

Comments:

(Continued Next Page)

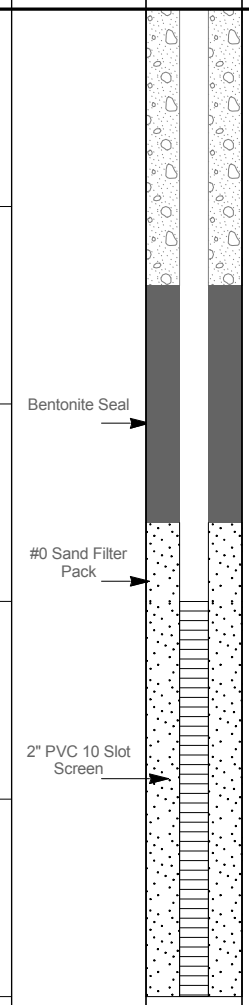
Soil Boring and Well Construction Log

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

BORING #: TR-28D

Client: UTC Carrier	**Location:** Syracuse, NY	**Logged By:** M. Irving
Project: UTC AOC G Landfill	**Northing:** 1123054.8 **Easting:** 951422.6	**Drilling Company:** Parratt-Wolff
Project #: 60310231	**Ground Elevation:** 410.7	**Well Screen Interval (ft bgs):** 50-60
Start Date: 11/24/2014	**Drilling Method:** HSA/Mud Rotary	**Water Level (ft):** 16.83
Finish Date: 11/24/2014	**Borehole Diameter:** 4 in	**Total Depth (ft):** 62

Depth (ft bgs)	Recovery Length (decimal feet)	PID (ppm)	Blowcounts	Graphic	USCS Code	Soil and Rock Description Classification Scheme: USCS
36	2	0.0	1 1		CL	CLAY, trace very fine to fine sand, Gray, soft to stiff *(continued)*
38						
40						
42	2	0.0	3 2 2 3		CL	Driller advances boring to 40' bgs, no recovery
44						
46	1	0.0	1 1 1 2		CL	CLAY, trace very fine to fine sand, Gray, soft to stiff
48						
50						
52	1	0.0	4 2 2 5		SP	fine SAND, loose, wet to saturated, Reddish Gray
54						
56	2	0.0	7 8 10 10		SP	medium SAND, homogenous(mica, quartz, hematite), Reddish Brown, loose, wet
58						
60						
62	1	0.0	17 20 48 50		SP	medium SAND, little medium to coarse gravel, Red , dense
					SP	TILL, with fine sand,silt, medium to coarse gravel, Red , moist



Comments:

Soil Boring and Well Construction Log

BORING #: TR-29D

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Client: UTC Carrier	**Location:** Syracuse, NY	**Logged By:** M. Irving
Project: UTC AOC G Landfill	**Northing:** 1123640.9 **Easting:** 951359.4	**Drilling Company:** Parratt-Wolff
Project #: 60310231	**Ground Elevation:** 408.6	**Well Screen Interval (ft bgs):** 42-62
Start Date: 11/20/2014	**Drilling Method:** HSA/Mud Rotary	**Water Level (ft):** 15.02
Finish Date: 11/24/2014	**Borehole Diameter:** 2 in	**Total Depth (ft):** 66

Depth (ft bgs)	Recovery Length (decimal feet)	PID (ppm)	Blowcounts	Graphic	USCS Code	Soil and Rock Description Classification Scheme: USCS	Well Construction Details	Well Construction	Lab Sample Collection
0									
2									
4							2" PVC Riser		
6									
8	16					See DPT-814 for lithology			
10									
12									
14									
16									
18	2	231	3 4 7 4		CL	CLAY, with interbedded fine sand, Gray, loose, wet no odor no staining			
20	2	140	2 1 2 2		CL	CLAY, some fine sand, Gray, loose, wet no odor no staining	Cement Bentonite Grout		
22	2	26.8	5 3 2 2		CL	CLAY, some fine sand, Gray, loose, wet no odor no staining			
24	2	5.2	1 0 2 1		CL CL	CLAY, some fine sand, Gray, loose, wet no odor no staining CLAY, Gray, soft, moist no odor no staining			
26	2	15.6	0 0 0 0		CL	CLAY, Gray, soft, moist no odor no staining			
28	2	2.0	0 0 0 0		CL	CLAY, Gray, soft to stiff, moist no odor no staining			
30	2	0.0	0 0 0 0		CL	CLAY, low plasticity soft to stiff, moist to wet no odor no staining, 4" steel casing set @ 28' bgs			TR-29D (28-30)_112014
32	2	0.0	0 1 0 0		CL	CLAY, trace fine sand, low plasticity very soft, moist to wet no odor no staining			
34	2	0.0	0 1 1 0		CL	CLAY, trace fine sand, low plasticity very soft, moist to wet no odor no staining			
	2	0.0	1 0		CL	CLAY, trace fine sand, low plasticity very soft to stiff, moist to wet no odor no staining			

Comments:

(Continued Next Page)

Soil Boring and Well Construction Log

BORING #: TR-29D

AECOM
40 British American Blvd. Latham, NY 12110
Office Phone: 518-951-2200

Client: UTC Carrier	**Location:** Syracuse, NY	**Logged By:** M. Irving
Project: UTC AOC G Landfill	**Northing:** 1123640.9 **Easting:** 951359.4	**Drilling Company:** Parratt-Wolff
Project #: 60310231	**Ground Elevation:** 408.6	**Well Screen Interval (ft bgs):** 42-62
Start Date: 11/20/2014	**Drilling Method:** HSA/Mud Rotary	**Water Level (ft):** 15.02
Finish Date: 11/24/2014	**Borehole Diameter:** 2 in	**Total Depth (ft):** 66

Depth (ft bgs)	Recovery Length (decimal feet)	PID (ppm)	Blowcounts	Graphic	USCS Code	Soil and Rock Description Classification Scheme: USCS	Well Construction Details	Well Construction	Lab Sample Collection
36	2	0.0	0 0		CL	CLAY, trace fine sand, low plasticity very soft to stiff, moist to wet no odor no staining *(continued)*			
38	2	0.1	4 1 1 1		CL	CLAY, Gray, soft, moist no odor no staining			
					SC	fine SAND, some clay, Gray, loose, wet			
					SC	fine SAND, some clay, Gray, loose, wet			
40	2	0.0	0 1 1 1		CL	CLAY, trace fine sand, low plasticity very soft to stiff, moist to wet no odor no staining	Bentonite Seal		
42	2	0.0	1 2 1 1		CL	CLAY, trace fine sand, low plasticity very soft to stiff, moist to wet no odor no staining	#0 Sand Filter Pack		
44	2	0.0	6 3 3 6		SC	fine SAND, some clay, Gray, loose, wet no odor no staining			
46	2	0.0	7 4 3 6		SC	fine SAND, some clay, Gray, dense, wet no odor no staining	2" PVC 10 Slot Screen		
48	2	0.0	3 3 2 4		SC	fine SAND, some clay, Gray, dense, wet no odor no staining			
50	2	0.0	4 5 3 3		SC	fine SAND, some clay, Gray, dense, wet no odor no staining			
52	2	0.0	3 6 8 8		SC	fine to medium SAND, some clay, Gray, loose, wet no odor no staining			
54	2	0.1	8 16 10 13		SC	fine to medium SAND, Gray, loose, wet no odor no staining, Reddish Gray			TR-29D (52-54)_112114
56	2	0.0	8 12 13 7		SC	fine to medium SAND, Gray, loose, wet no odor no staining, Reddish Gray			
58	2	0.0	8 10 8 8		SP	medium SAND, homogenous,(hematite,mica,quartz minerals), loose, wet			
60	2	0.0	9 12 14 7		SP	medium SAND, homogenous,(hematite,mica,quartz minerals), loose, wet			
62	2	0.0	9 8 8 7		SP	medium SAND, homogenous,(hematite,mica,quartz minerals), loose, wet			
64	2	0.0	5 8 8 9		ML	SILT, some fine sand, little clay, fine to coarse gravel, Reddish Brown, dense, moist, 20' screen set @ 62.0' bgs			TR-29D (62-64)_112114
66	2	0.1	14 20 22 22		SP	TILL, with fine sand, little clay, fine to coarse gravel, Reddish Brown, dense to hard, moist			

Comments:

Appendix B

Data Usability Summary Reports

Due to the size of the Data Usability Summary Reports, they have been provided on the enclosed CD.

Appendix C

Community Air Monitoring Program (CAMP) Data

UPWIND PARTICULATE MONITORING STATION DATA

Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530141805
Firmware Version		3
Calibration Date		4/29/2014
Test Name	MANUAL_002	
Test Start Time		9:04:07 AM
Test Start Date		10/28/2014
Test Length [D:H:M]		0:05:15
Test Interval [M:S]		15:00
Mass Average [mg/m3]		0.027
Mass Minimum [mg/m3]		0.019
Mass Maximum [mg/m3]		0.038
Mass TWA [mg/m3]		0.018
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.021		
2700	0.02		
3600	0.019		
4500	0.02		
5400	0.02		
6300	0.021		
7200	0.02		
8100	0.02		
9000	0.02		
9900	0.021		
10800	0.024		
11700	0.033		
12600	0.035		
13500	0.037		
14400	0.038		
15300	0.036		
16200	0.037		
17100	0.036		
18000	0.037		
18900	0.035		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_003
Test Start Time	8:22:40 AM
Test Start Date	10/29/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.028
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.025		
1800	0.028		
2700	0.025		
3600	0.023		
4500	0.022		
5400	0.021		
6300	0.02		
7200	0.019		
8100	0.017		
9000	0.012		
9900	0.011		
10800	0.013		
11700	0.012		
12600	0.013		
13500	0.011		
14400	0.011		
15300	0.011		
16200	0.011		
17100	0.011		
18000	0.012		
18900	0.015		

Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530141805
Firmware Version		3
Calibration Date		4/29/2014
Test Name	MANUAL_004	
Test Start Time		8:16:03 AM
Test Start Date		10/31/2014
Test Length [D:H:M]		0:03:45
Test Interval [M:S]		15:00
Mass Average [mg/m3]		0.012
Mass Minimum [mg/m3]		0.008
Mass Maximum [mg/m3]		0.014
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		15

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.012		
2700	0.014		
3600	0.013		
4500	0.012		
5400	0.013		
6300	0.013		
7200	0.012		
8100	0.013		
9000	0.012		
9900	0.009		
10800	0.01		
11700	0.008		
12600	0.013		
13500	0.011		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_005
Test Start Time	1:38:31 PM
Test Start Date	11/3/2014
Test Length [D:H:M]	0:02:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.012
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	11

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.012		
1800	0.009		
2700	0.008		
3600	0.007		
4500	0.007		
5400	0.008		
6300	0.007		
7200	0.006		
8100	0.007		
9000	0.008		
9900	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_006
Test Start Time	8:32:00 AM
Test Start Date	11/4/2014
Test Length [D:H:M]	0:04:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.021
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	18

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.015		
2700	0.013		
3600	0.014		
4500	0.01		
5400	0.015		
6300	0.007		
7200	0.011		
8100	0.011		
9000	0.014		
9900	0.011		
10800	0.021		
11700	0.009		
12600	0.011		
13500	0.012		
14400	0.01		
15300	0.013		
16200	0.008		
17100	0.011		
18000	0.011		
18900	0.013		
19800	0.022		
20700	0.026		
21600	0.016		
22500	0.019		
23400	0.016		
24300	0.03		
25200	0.017		
26100	0.012		
27000	0.018		
27900	0.018		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_008
Test Start Time	8:58:02 AM
Test Start Date	11/5/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.033
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.033		
1800	0.024		
2700	0.02		
3600	0.02		
4500	0.017		
5400	0.019		
6300	0.025		
7200	0.028		
8100	0.025		
9000	0.023		
9900	0.017		
10800	0.017		
11700	0.016		
12600	0.013		
13500	0.011		
14400	0.012		
15300	0.012		
16200	0.013		
17100	0.014		
18000	0.014		
18900	0.014		
19800	0.014		
20700	0.013		
21600	0.016		
22500	0.014		
23400	0.014		
24300	0.017		
25200	0.022		
26100	0.023		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_009
Test Start Time	8:37:31 AM
Test Start Date	11/6/2014
Test Length [D:H:M]	0:06:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.043
Mass Minimum [mg/m3]	0.034
Mass Maximum [mg/m3]	0.06
Mass TWA [mg/m3]	0.033
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	24

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.046		
1800	0.047		
2700	0.049		
3600	0.052		
4500	0.06		
5400	0.056		
6300	0.048		
7200	0.047		
8100	0.047		
9000	0.051		
9900	0.046		
10800	0.042		
11700	0.042		
12600	0.039		
13500	0.037		
14400	0.036		
15300	0.037		
16200	0.037		
17100	0.035		
18000	0.034		
18900	0.035		
19800	0.037		
20700	0.04		
21600	0.042		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_010
Test Start Time	10:09:20 AM
Test Start Date	11/10/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.018
Mass Minimum [mg/m3]	0.016
Mass Maximum [mg/m3]	0.021
Mass TWA [mg/m3]	0.015
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.021		
2700	0.02		
3600	0.018		
4500	0.016		
5400	0.017		
6300	0.018		
7200	0.017		
8100	0.016		
9000	0.017		
9900	0.016		
10800	0.017		
11700	0.017		
12600	0.017		
13500	0.018		
14400	0.018		
15300	0.018		
16200	0.018		
17100	0.018		
18000	0.019		
18900	0.019		
19800	0.021		
20700	0.019		
21600	0.019		
22500	0.018		
23400	0.018		
24300	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_012
Test Start Time	8:23:23 AM
Test Start Date	11/11/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.015		
2700	0.015		
3600	0.015		
4500	0.015		
5400	0.014		
6300	0.014		
7200	0.015		
8100	0.015		
9000	0.019		
9900	0.023		
10800	0.029		
11700	0.017		
12600	0.015		
13500	0.019		
14400	0.023		
15300	0.022		
16200	0.014		
17100	0.015		
18000	0.013		
18900	0.014		
19800	0.014		
20700	0.013		
21600	0.014		
22500	0.014		
23400	0.014		
24300	0.015		
25200	0.015		
26100	0.015		
27000	0.016		
27900	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_013
Test Start Time	8:33:28 AM
Test Start Date	11/13/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.013		
1800	0.014		
2700	0.014		
3600	0.014		
4500	0.017		
5400	0.015		
6300	0.015		
7200	0.014		
8100	0.016		
9000	0.02		
9900	0.017		
10800	0.016		
11700	0.015		
12600	0.013		
13500	0.013		
14400	0.012		
15300	0.012		
16200	0.014		
17100	0.016		
18000	0.015		
18900	0.017		
19800	0.018		
20700	0.019		
21600	0.02		
22500	0.022		
23400	0.023		
24300	0.023		
25200	0.027		
26100	0.031		
27000	0.027		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_014
Test Start Time	8:54:01 AM
Test Start Date	11/14/2014
Test Length [D:H:M]	0:03:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	12

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.035		
1800	0.01		
2700	0.01		
3600	0.01		
4500	0.009		
5400	0.01		
6300	0.008		
7200	0.008		
8100	0.006		
9000	0.006		
9900	0.006		
10800	0.006		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_015
Test Start Time	8:44:21 AM
Test Start Date	11/18/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.016		
2700	0.016		
3600	0.015		
4500	0.013		
5400	0.013		
6300	0.015		
7200	0.012		
8100	0.011		
9000	0.011		
9900	0.011		
10800	0.011		
11700	0.011		
12600	0.012		
13500	0.011		
14400	0.011		
15300	0.011		
16200	0.012		
17100	0.012		
18000	0.011		
18900	0.011		
19800	0.01		
20700	0.008		
21600	0.009		
22500	0.01		
23400	0.008		
24300	0.009		
25200	0.009		
26100	0.009		
27000	0.01		
27900	0.01		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_016
Test Start Time	8:46:37 AM
Test Start Date	11/19/2014
Test Length [D:H:M]	0:02:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.018
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	10

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.02		
2700	0.022		
3600	0.022		
4500	0.019		
5400	0.018		
6300	0.021		
7200	0.019		
8100	0.018		
9000	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_017
Test Start Time	9:20:13 AM
Test Start Date	11/21/2014
Test Length [D:H:M]	0:07:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	1.46
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	43.4
Mass TWA [mg/m3]	1.37
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	30

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.031		
1800	0.02		
2700	0.02		
3600	0.023		
4500	0.022		
5400	0.017		
6300	0.015		
7200	0.01		
8100	0.009		
9000	0.007		
9900	0.008		
10800	0.006		
11700	0.007		
12600	0.004		
13500	0.007		
14400	0.006		
15300	0.005		
16200	0.01		
17100	0.007		
18000	0.01		
18900	0.007		
19800	0.005		
20700	0.007		
21600	0.004		
22500	0.003		
23400	0.005		
24300	0.005		
25200	0.066		
26100	0.004		
27000	43.4	1	

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_018
Test Start Time	8:59:27 AM
Test Start Date	11/24/2014
Test Length [D:H:M]	0:01:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.321
Mass Minimum [mg/m3]	0.282
Mass Maximum [mg/m3]	0.373
Mass TWA [mg/m3]	0.05
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	5

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.282	1	
1800	0.299	1	
2700	0.31	1	
3600	0.341	1	
4500	0.373	1	
5400	0.481	1	

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141805
Firmware Version	3
Calibration Date	4/29/2014
Test Name	MANUAL_020
Test Start Time	9:21:27 AM
Test Start Date	11/25/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.496
Mass Minimum [mg/m3]	0.437
Mass Maximum [mg/m3]	0.663
Mass TWA [mg/m3]	0.326
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.663	1	
1800	0.527	1	
2700	0.522	1	
3600	0.511	1	
4500	0.527	1	
5400	0.535	1	
6300	0.507	1	
7200	0.488	1	
8100	0.488	1	
9000	0.496	1	
9900	0.568	1	
10800	0.586	1	
11700	0.47	1	
12600	0.452	1	
13500	0.445	1	
14400	0.442	1	
15300	0.437	1	
16200	0.437	1	
17100	0.44	1	
18000	0.439	1	
18900	0.438	1	

DOWNWIND PARTICULATE MONITORING STATION DATA

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_001
Test Start Time	10:11:19 AM
Test Start Date	10/27/2014
Test Length [D:H:M]	0:07:02
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.016
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.012		
2700	0.009		
3600	0.008		
4500	0.008		
5400	0.008		
6300	0.008		
7200	0.008		
8100	0.007		
9000	0.007		
9900	0.007		
10800	0.007		
11700	0.007		
12600	0.007		
13500	0.007		
14400	0.006		
15300	0.007		
16200	0.006		
17100	0.006		
18000	0.006		
25331	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_002
Test Start Time	9:04:36 AM
Test Start Date	10/28/2014
Test Length [D:H:M]	0:05:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.024
Mass Minimum [mg/m3]	0.016
Mass Maximum [mg/m3]	0.034
Mass TWA [mg/m3]	0.016
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.022		
1800	0.017		
2700	0.016		
3600	0.017		
4500	0.017		
5400	0.019		
6300	0.018		
7200	0.018		
8100	0.019		
9000	0.018		
9900	0.017		
10800	0.018		
11700	0.028		
12600	0.031		
13500	0.032		
14400	0.034		
15300	0.031		
16200	0.033		
17100	0.031		
18000	0.033		
18900	0.031		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_003
Test Start Time	8:18:52 AM
Test Start Date	10/31/2014
Test Length [D:H:M]	0:04:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.018
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	16

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.017		
2700	0.017		
3600	0.018		
4500	0.017		
5400	0.018		
6300	0.017		
7200	0.017		
8100	0.017		
9000	0.016		
9900	0.013		
10800	0.014		
11700	0.013		
12600	0.017		
13500	0.015		
16230	0		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_004
Test Start Time	10:18:27 AM
Test Start Date	11/3/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.023		
1800	0.021		
2700	0.022		
3600	0.022		
4500	0.022		
5400	0.022		
6300	0.022		
7200	0.022		
8100	0.02		
9000	0.019		
9900	0.017		
10800	0.016		
11700	0.015		
12600	0.014		
13500	0.011		
14400	0.008		
15300	0.007		
16200	0.007		
17100	0.006		
18000	0.007		
18900	0.007		
19800	0.008		
20700	0.009		
21600	0.008		
22500	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_005
Test Start Time	8:33:59 AM
Test Start Date	11/4/2014
Test Length [D:H:M]	0:04:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.011
Mass Maximum [mg/m3]	0.023
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	17

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.018		
1800	0.018		
2700	0.017		
3600	0.018		
4500	0.016		
5400	0.014		
6300	0.011		
7200	0.013		
8100	0.013		
9000	0.015		
9900	0.015		
10800	0.017		
11700	0.013		
12600	0.013		
13500	0.023		
14400	0.012		
15300	0.013		
16200	0.011		
17100	0.011		
18000	0.012		
18900	0.024		
19800	0.032		
20700	0.014		
21600	0.017		
22500	0.016		
23400	0.03		
24300	0.015		
25200	0.014		
26100	0.012		
27000	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_007
Test Start Time	8:58:36 AM
Test Start Date	11/5/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.036
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.036		
1800	0.025		
2700	0.022		
3600	0.021		
4500	0.02		
5400	0.021		
6300	0.026		
7200	0.03		
8100	0.026		
9000	0.024		
9900	0.021		
10800	0.019		
11700	0.019		
12600	0.014		
13500	0.013		
14400	0.012		
15300	0.012		
16200	0.013		
17100	0.013		
18000	0.013		
18900	0.014		
19800	0.013		
20700	0.012		
21600	0.014		
22500	0.015		
23400	0.016		
24300	0.018		
25200	0.025		
26100	0.025		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_008
Test Start Time	8:31:17 AM
Test Start Date	11/6/2014
Test Length [D:H:M]	0:06:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.046
Mass Minimum [mg/m3]	0.035
Mass Maximum [mg/m3]	0.063
Mass TWA [mg/m3]	0.035
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	24

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.05		
1800	0.05		
2700	0.053		
3600	0.053		
4500	0.059		
5400	0.063		
6300	0.056		
7200	0.05		
8100	0.05		
9000	0.053		
9900	0.052		
10800	0.046		
11700	0.044		
12600	0.043		
13500	0.039		
14400	0.038		
15300	0.037		
16200	0.039		
17100	0.038		
18000	0.037		
18900	0.035		
19800	0.036		
20700	0.041		
21600	0.043		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_009
Test Start Time	10:12:44 AM
Test Start Date	11/10/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.052
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.027		
1800	0.028		
2700	0.025		
3600	0.022		
4500	0.02		
5400	0.021		
6300	0.021		
7200	0.02		
8100	0.019		
9000	0.019		
9900	0.019		
10800	0.019		
11700	0.019		
12600	0.019		
13500	0.019		
14400	0.019		
15300	0.019		
16200	0.019		
17100	0.02		
18000	0.021		
18900	0.02		
19800	0.02		
20700	0.019		
21600	0.023		
22500	0.052		
23079	0		
23400	0.017		
24300	0.017		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_010
Test Start Time	8:25:55 AM
Test Start Date	11/11/2014
Test Length [D:H:M]	0:07:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.025
Mass TWA [mg/m3]	0.017
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	31

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.02		
1800	0.021		
2700	0.021		
3600	0.021		
4500	0.02		
5400	0.018		
6300	0.017		
7200	0.018		
8100	0.017		
9000	0.025		
9900	0.022		
10800	0.024		
11700	0.018		
12600	0.016		
13500	0.022		
14400	0.023		
15300	0.02		
16200	0.016		
17100	0.014		
18000	0.012		
18900	0.012		
19800	0.012		
20700	0.012		
21600	0.013		
22500	0.014		
23400	0.014		
24300	0.014		
25200	0.014		
26100	0.015		
27000	0.016		
27900	0.016		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_011
Test Start Time	8:36:10 AM
Test Start Date	11/13/2014
Test Length [D:H:M]	0:07:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.02
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	29

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.01		
1800	0.01		
2700	0.011		
3600	0.012		
4500	0.014		
5400	0.013		
6300	0.014		
7200	0.014		
8100	0.016		
9000	0.017		
9900	0.015		
10800	0.015		
11700	0.013		
12600	0.012		
13500	0.013		
14400	0.012		
15300	0.012		
16200	0.013		
17100	0.015		
18000	0.015		
18900	0.016		
19800	0.016		
20700	0.015		
21600	0.014		
22500	0.016		
23400	0.017		
24300	0.018		
25200	0.02		
26100	0.02		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_013
Test Start Time	8:48:41 AM
Test Start Date	11/18/2014
Test Length [D:H:M]	0:08:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.038
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	32

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.038		
1800	0.023		
2700	0.023		
3600	0.023		
4500	0.022		
5400	0.023		
6300	0.023		
7200	0.021		
8100	0.021		
9000	0.022		
9900	0.021		
10800	0.021		
11700	0.021		
12600	0.021		
13500	0.021		
14400	0.02		
15300	0.021		
16200	0.021		
17100	0.02		
18000	0.019		
18900	0.019		
19800	0.018		
20700	0.019		
21600	0.02		
22500	0.021		
23400	0.02		
24300	0.021		
25200	0.022		
26100	0.023		
27000	0.023		
29328	0		
29700	0.036		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_012
Test Start Time	8:59:42 AM
Test Start Date	11/14/2014
Test Length [D:H:M]	0:03:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.031
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	12

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.031		
1800	0.015		
2700	0.015		
3600	0.014		
4500	0.015		
5400	0.015		
6300	0.014		
7200	0.012		
8100	0.012		
9000	0.012		
9900	0.012		
10800	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_014
Test Start Time	8:49:00 AM
Test Start Date	11/19/2014
Test Length [D:H:M]	0:02:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.028
Mass Maximum [mg/m3]	0.032
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	11

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.032		
1800	0.031		
2700	0.029		
3600	0.029		
4500	0.029		
5400	0.029		
6300	0.029		
7200	0.03		
8100	0.028		
9000	0.028		
9900	0.028		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_015
Test Start Time	9:24:03 AM
Test Start Date	11/21/2014
Test Length [D:H:M]	0:06:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.021
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.092
Mass TWA [mg/m3]	0.018
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.052		
1800	0.027		
2700	0.092		
3600	0.033		
4500	0.027		
5400	0.029		
6300	0.023		
7200	0.017		
8100	0.016		
9000	0.015		
9900	0.014		
10800	0.014		
11700	0.014		
12600	0.014		
13500	0.013		
14400	0.013		
15300	0.013		
16200	0.014		
17100	0.019		
18000	0.015		
18900	0.014		
19800	0.014		
20700	0.013		
21600	0.013		
22500	0.012		
23400	0.012		
24300	0.012		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_016
Test Start Time	9:02:34 AM
Test Start Date	11/24/2014
Test Length [D:H:M]	0:06:15
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.01
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	25

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.01		
1800	0.002		
2700	0.002		
3600	0.002		
4500	0.002		
5400	0.004		
6300	0.004		
7200	0.003		
8100	0.004		
9000	0.005		
9900	0.007		
10800	0.007		
11700	0.004		
12600	0.004		
13500	0.003		
14400	0.004		
15300	0.004		
16200	0.004		
17100	0.006		
18000	0.006		
18900	0.007		
19800	0.006		
20700	0.007		
21600	0.007		
22500	0.007		

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530141710
Firmware Version	3
Calibration Date	4/24/2014
Test Name	MANUAL_017
Test Start Time	9:25:52 AM
Test Start Date	11/25/2014
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.008
Mass Maximum [mg/m3]	0.013
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	20

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.011		
1800	0.01		
2700	0.009		
3600	0.008		
4500	0.009		
5400	0.01		
6300	0.011		
7200	0.01		
8100	0.01		
9000	0.01		
9900	0.01		
10800	0.011		
11700	0.011		
12600	0.01		
13500	0.009		
14400	0.009		
15300	0.009		
16200	0.009		
17100	0.013		
18000	0.008		

UPWIND PHOTOIONIZATION DETECTOR AIR MONITORING DATA

==========
14/11/04 07:46
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-906666
Unit Firmware Ver V1.10A

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/11/04 07:46:10
End 2014/11/04 15:45:04
Sample Period(s) 300
Number of Records 95

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:47
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/4/2014 7:51	0	0	0
2	11/4/2014 7:56	0	0	0
3	11/4/2014 8:01	0	0	0
4	11/4/2014 8:06	0	0	0.002
5	11/4/2014 8:11	0	0	0
6	11/4/2014 8:16	0	0	0

7	11/4/2014 8:21	0	0	0
8	11/4/2014 8:26	0	0	0
9	11/4/2014 8:31	0	0.001	0.069
10	11/4/2014 8:36	0	0	0
11	11/4/2014 8:41	0	0	0
12	11/4/2014 8:46	0	0	0.027
13	11/4/2014 8:51	0	0	0
14	11/4/2014 8:56	0	0	0
15	11/4/2014 9:01	0	0	0
16	11/4/2014 9:06	0	0	0
17	11/4/2014 9:11	0	0	0
18	11/4/2014 9:16	0	0	0
19	11/4/2014 9:21	0	0	0
20	11/4/2014 9:26	0	0	0
21	11/4/2014 9:31	0	0	0
22	11/4/2014 9:36	0	0	0
23	11/4/2014 9:41	0	0	0
24	11/4/2014 9:46	0	0	0
25	11/4/2014 9:51	0	0	0
26	11/4/2014 9:56	0	0	0
27	11/4/2014 10:01	0	0	0
28	11/4/2014 10:06	0	0	0
29	11/4/2014 10:11	0	0	0
30	11/4/2014 10:16	0	0	0
31	11/4/2014 10:21	0	0	0
32	11/4/2014 10:26	0	0	0
33	11/4/2014 10:31	0	0	0
34	11/4/2014 10:36	0	0	0
35	11/4/2014 10:41	0	0	0.002
36	11/4/2014 10:46	0	0	0
37	11/4/2014 10:51	0	0	0
38	11/4/2014 10:56	0	0	0
39	11/4/2014 11:01	0	0	0
40	11/4/2014 11:06	0	0	0
41	11/4/2014 11:11	0	0	0
42	11/4/2014 11:16	0	0	0
43	11/4/2014 11:21	0	0	0
44	11/4/2014 11:26	0	0	0
45	11/4/2014 11:31	0	0	0
46	11/4/2014 11:36	0	0	0
47	11/4/2014 11:41	0	0	0
48	11/4/2014 11:46	0	0	0
49	11/4/2014 11:51	0	0	0
50	11/4/2014 11:56	0	0	0
51	11/4/2014 12:01	0	0	0
52	11/4/2014 12:06	0	0	0
53	11/4/2014 12:11	0	0	0

54	11/4/2014 12:16	0	0	0
55	11/4/2014 12:21	0	0	0
56	11/4/2014 12:26	0	0	0
57	11/4/2014 12:31	0	0	0
58	11/4/2014 12:36	0	0	0
59	11/4/2014 12:41	0	0	0
60	11/4/2014 12:46	0	0	0
61	11/4/2014 12:51	0	0	0
62	11/4/2014 12:56	0	0	0
63	11/4/2014 13:01	0	0	0
64	11/4/2014 13:06	0	0	0
65	11/4/2014 13:11	0	0	0
66	11/4/2014 13:16	0	0	0
67	11/4/2014 13:21	0	0	0
68	11/4/2014 13:26	0	0	0
69	11/4/2014 13:31	0	0	0
70	11/4/2014 13:36	0	0	0
71	11/4/2014 13:41	0	0.002	0.208
72	11/4/2014 13:46	0	0	0.017
73	11/4/2014 13:51	0	0.003	0.219
74	11/4/2014 13:56	0	0.004	0.222
75	11/4/2014 14:01	0	0	0
76	11/4/2014 14:06	0	0	0
77	11/4/2014 14:11	0	0	0
78	11/4/2014 14:16	0	0	0
79	11/4/2014 14:21	0	0	0
80	11/4/2014 14:26	0	0	0
81	11/4/2014 14:31	0	0	0
82	11/4/2014 14:36	0	0	0
83	11/4/2014 14:41	0	0	0
84	11/4/2014 14:46	0	0	0
85	11/4/2014 14:51	0	0	0
86	11/4/2014 14:56	0	0	0
87	11/4/2014 15:01	0	0	0
88	11/4/2014 15:06	0	0	0
89	11/4/2014 15:11	0	0	0
90	11/4/2014 15:16	0	0	0
91	11/4/2014 15:21	0	0	0
92	11/4/2014 15:26	0	0	0
93	11/4/2014 15:31	0	0	0
94	11/4/2014 15:36	0	0	0
95	11/4/2014 15:41	0	0	0
Peak		0	0.004	0.222
Min		0	0	0
Average		0	0	0.008

****

TWA/STEL
No current event.
==========
14/11/05 08:13
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-906666
Unit Firmware Ver V1.10A

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/11/05 08:13:20
End 2014/11/05 15:35:41
Sample Period(s) 300
Number of Records 88

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:47
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/5/2014 8:18	0	0	0
2	11/5/2014 8:23	0	0	0
3	11/5/2014 8:28	0	0	0
4	11/5/2014 8:33	0	0	0

5	11/5/2014 8:38	0	0	0
6	11/5/2014 8:43	0	0	0
7	11/5/2014 8:48	0	0	0
8	11/5/2014 8:53	0	0	0
9	11/5/2014 8:58	0	0	0
10	11/5/2014 9:03	0	0	0
11	11/5/2014 9:08	0	0	0
12	11/5/2014 9:13	0	0	0
13	11/5/2014 9:18	0	0	0
14	11/5/2014 9:23	0	0	0
15	11/5/2014 9:28	0	0	0
16	11/5/2014 9:33	0	0	0
17	11/5/2014 9:38	0	0	0
18	11/5/2014 9:43	0	0	0
19	11/5/2014 9:48	0	0	0
20	11/5/2014 9:53	0	0	0
21	11/5/2014 9:58	0	0	0
22	11/5/2014 10:03	0	0	0
23	11/5/2014 10:08	0	0	0
24	11/5/2014 10:13	0	0	0
25	11/5/2014 10:18	0	0	0
26	11/5/2014 10:23	0	0	0
27	11/5/2014 10:28	0	0	0
28	11/5/2014 10:33	0	0	0
29	11/5/2014 10:38	0	0	0
30	11/5/2014 10:43	0	0	0
31	11/5/2014 10:48	0	0	0
32	11/5/2014 10:53	0	0	0
33	11/5/2014 10:58	0	0	0
34	11/5/2014 11:03	0	0	0
35	11/5/2014 11:08	0	0	0
36	11/5/2014 11:13	0	0	0
37	11/5/2014 11:18	0	0	0
38	11/5/2014 11:23	0	0	0
39	11/5/2014 11:28	0	0	0
40	11/5/2014 11:33	0	0	0
41	11/5/2014 11:38	0	0	0
42	11/5/2014 11:43	0	0	0
43	11/5/2014 11:48	0	0	0
44	11/5/2014 11:53	0	0	0
45	11/5/2014 11:58	0	0	0
46	11/5/2014 12:03	0	0	0
47	11/5/2014 12:08	0	0	0
48	11/5/2014 12:13	0	0	0
49	11/5/2014 12:18	0	0	0
50	11/5/2014 12:23	0	0	0
51	11/5/2014 12:28	0	0	0

	52	11/5/2014 12:33	0	0	0
	53	11/5/2014 12:38	0	0	0
	54	11/5/2014 12:43	0	0	0
	55	11/5/2014 12:48	0	0	0
	56	11/5/2014 12:53	0	0	0
	57	11/5/2014 12:58	0	0	0
	58	11/5/2014 13:03	0	0	0
	59	11/5/2014 13:08	0	0	0
	60	11/5/2014 13:13	0	0	0
	61	11/5/2014 13:18	0	0	0
	62	11/5/2014 13:23	0	0	0
	63	11/5/2014 13:28	0	0	0
	64	11/5/2014 13:33	0	0	0
	65	11/5/2014 13:38	0	0	0
	66	11/5/2014 13:43	0	0	0
	67	11/5/2014 13:48	0	0	0
	68	11/5/2014 13:53	0	0	0
	69	11/5/2014 13:58	0	0	0
	70	11/5/2014 14:03	0	0	0
	71	11/5/2014 14:08	0	0	0
	72	11/5/2014 14:13	0	0	0
	73	11/5/2014 14:18	0	0	0
	74	11/5/2014 14:23	0	0	0
	75	11/5/2014 14:28	0	0	0
	76	11/5/2014 14:33	0	0	0
	77	11/5/2014 14:38	0	0	0
	78	11/5/2014 14:43	0	0	0
	79	11/5/2014 14:48	0	0	0
	80	11/5/2014 14:53	0	0	0
	81	11/5/2014 14:58	0	0	0
	82	11/5/2014 15:03	0	0	0
	83	11/5/2014 15:08	0	0	0
	84	11/5/2014 15:13	0	0	0
	85	11/5/2014 15:18	0	0	0
	86	11/5/2014 15:23	0	0	0
	87	11/5/2014 15:28	0	0	0
	88	11/5/2014 15:33	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

No current event.

==========

14/11/07 17:18

****

Summary

Unit Name MiniRAE 3000
Unit SN 592-906666
Unit Firmware Ver V1.10A

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Pause in Communication Mode

Site ID 00000000
User ID 00000001

Begin 2014/11/07 17:18:22
End 2014/11/07 17:18:40
Sample Period(s) 300
Number of Records 0

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:47

****

Datalog
0 record.

==========
14/11/06 08:45
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-906400
Unit Firmware Ver V1.10A

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000001
User ID 00000001

Begin 2014/11/06 08:45:39
End 2014/11/06 14:51:56
Sample Period(s) 300
Number of Records 73

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/6/2014 8:50	0	0	0
2	11/6/2014 8:55	0	0	0
3	11/6/2014 9:00	0	0	0
4	11/6/2014 9:05	0	0	0
5	11/6/2014 9:10	0	0	0
6	11/6/2014 9:15	0	0	0

7	11/6/2014 9:20	0	0	0
8	11/6/2014 9:25	0	0	0
9	11/6/2014 9:30	0	0	0
10	11/6/2014 9:35	0	0	0
11	11/6/2014 9:40	0	0	0
12	11/6/2014 9:45	0	0	0
13	11/6/2014 9:50	0	0	0
14	11/6/2014 9:55	0	0	0
15	11/6/2014 10:00	0	0	0
16	11/6/2014 10:05	0	0	0
17	11/6/2014 10:10	0	0	0
18	11/6/2014 10:15	0	0	0
19	11/6/2014 10:20	0	0	0.009
20	11/6/2014 10:25	0	0.009	0.03
21	11/6/2014 10:30	0.011	0.037	0.06
22	11/6/2014 10:35	0	0.026	0.069
23	11/6/2014 10:40	0.001	0.038	0.147
24	11/6/2014 10:45	0	0.022	0.074
25	11/6/2014 10:50	0	0.027	0.095
26	11/6/2014 10:55	0	0.005	0.029
27	11/6/2014 11:00	0	0.007	0.063
28	11/6/2014 11:05	0	0.001	0.024
29	11/6/2014 11:10	0	0	0.001
30	11/6/2014 11:15	0	0	0.001
31	11/6/2014 11:20	0	0.002	0.034
32	11/6/2014 11:25	0	0.004	0.039
33	11/6/2014 11:30	0	0.007	0.044
34	11/6/2014 11:35	0	0.003	0.046
35	11/6/2014 11:40	0	0.004	0.042
36	11/6/2014 11:45	0	0.01	0.048
37	11/6/2014 11:50	0	0.005	0.049
38	11/6/2014 11:55	0	0.01	0.07
39	11/6/2014 12:00	0	0.021	0.085
40	11/6/2014 12:05	0	0.014	0.047
41	11/6/2014 12:10	0	0.008	0.034
42	11/6/2014 12:15	0	0.003	0.03
43	11/6/2014 12:20	0	0.007	0.029
44	11/6/2014 12:25	0	0.001	0.032
45	11/6/2014 12:30	0	0	0
46	11/6/2014 12:35	0	0	0.003
47	11/6/2014 12:40	0	0	0
48	11/6/2014 12:45	0	0	0
49	11/6/2014 12:50	0	0	0
50	11/6/2014 12:55	0	0	0
51	11/6/2014 13:00	0	0	0
52	11/6/2014 13:05	0	0	0
53	11/6/2014 13:10	0	0	0

54	11/6/2014 13:15	0	0	0
55	11/6/2014 13:20	0	0	0
56	11/6/2014 13:25	0	0	0
57	11/6/2014 13:30	0	0	0
58	11/6/2014 13:35	0	0	0
59	11/6/2014 13:40	0	0	0
60	11/6/2014 13:45	0	0	0
61	11/6/2014 13:50	0	0	0
62	11/6/2014 13:55	0	0	0
63	11/6/2014 14:00	0	0	0
64	11/6/2014 14:05	0	0	0
65	11/6/2014 14:10	0	0	0
66	11/6/2014 14:15	0	0.006	0.054
67	11/6/2014 14:20	0	0.023	0.096
68	11/6/2014 14:25	0	0.039	0.101
69	11/6/2014 14:30	0.012	0.047	0.196
70	11/6/2014 14:35	0.044	0.106	0.275
71	11/6/2014 14:40	0.058	0.11	0.246
72	11/6/2014 14:45	0.062	0.133	0.342
73	11/6/2014 14:50	0.086	0.175	0.315
Peak		0.086	0.175	0.342
Min		0	0	0
Average		0.004	0.012	0.039

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/10 10:27

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-906400

Unit Firmware Ver V1.10A

Running Mode Search Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No

Stop Reason Event Driven Timeout

Site ID 00000002

User ID 00000001

Begin 2014/11/10 10:27:24

End 2014/11/11 10:27:25
Sample Period(s) 300
Number of Records 288

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/10/2014 10:32	0	0	0.008
2	11/10/2014 10:37	0	0	0
3	11/10/2014 10:42	0	0	0
4	11/10/2014 10:47	0	0	0
5	11/10/2014 10:52	0	0	0
6	11/10/2014 10:57	0	0	0
7	11/10/2014 11:02	0	0	0
8	11/10/2014 11:07	0	0	0
9	11/10/2014 11:12	0	0	0
10	11/10/2014 11:17	0	0	0
11	11/10/2014 11:22	0	0	0
12	11/10/2014 11:27	0	0	0
13	11/10/2014 11:32	0	0	0
14	11/10/2014 11:37	0	0	0
15	11/10/2014 11:42	0	0	0
16	11/10/2014 11:47	0	0	0
17	11/10/2014 11:52	0	0	0
18	11/10/2014 11:57	0	0	0
19	11/10/2014 12:02	0	0	0
20	11/10/2014 12:07	0	0	0
21	11/10/2014 12:12	0	0	0
22	11/10/2014 12:17	0	0	0
23	11/10/2014 12:22	0	0	0
24	11/10/2014 12:27	0	0	0
25	11/10/2014 12:32	0	0	0
26	11/10/2014 12:37	0	0	0

27	11/10/2014 12:42	0	0	0
28	11/10/2014 12:47	0	0	0
29	11/10/2014 12:52	0	0	0
30	11/10/2014 12:57	0	0	0
31	11/10/2014 13:02	0	0	0
32	11/10/2014 13:07	0	0	0
33	11/10/2014 13:12	0	0	0
34	11/10/2014 13:17	0	0	0
35	11/10/2014 13:22	0	0	0
36	11/10/2014 13:27	0	0	0
37	11/10/2014 13:32	0	0	0
38	11/10/2014 13:37	0	0	0
39	11/10/2014 13:42	0	0	0
40	11/10/2014 13:47	0	0	0
41	11/10/2014 13:52	0	0	0
42	11/10/2014 13:57	0	0	0
43	11/10/2014 14:02	0	0	0
44	11/10/2014 14:07	0	0	0
45	11/10/2014 14:12	0	0	0
46	11/10/2014 14:17	0	0	0
47	11/10/2014 14:22	0	0	0
48	11/10/2014 14:27	0	0	0
49	11/10/2014 14:32	0	0	0
50	11/10/2014 14:37	0	0	0
51	11/10/2014 14:42	0	0	0
52	11/10/2014 14:47	0	0	0
53	11/10/2014 14:52	0	0	0
54	11/10/2014 14:57	0	0	0
55	11/10/2014 15:02	0	0	0
56	11/10/2014 15:07	0	0	0
57	11/10/2014 15:12	0	0	0
58	11/10/2014 15:17	0	0	0
59	11/10/2014 15:22	0	0	0
60	11/10/2014 15:27	0	0	0
61	11/10/2014 15:32	0	0	0
62	11/10/2014 15:37	0	0	0
63	11/10/2014 15:42	0	0	0
64	11/10/2014 15:47	0	0	0
65	11/10/2014 15:52	0	0	0
66	11/10/2014 15:57	0	0	0
67	11/10/2014 16:02	0	0	0
68	11/10/2014 16:07	0	0	0
69	11/10/2014 16:12	0	0	0
70	11/10/2014 16:17	0	0	0
71	11/10/2014 16:22	0	0	0
72	11/10/2014 16:27	0	0	0
73	11/10/2014 16:32	0	0	0

74	11/10/2014 16:37	0	0	0
75	11/10/2014 16:42	0	0	0
76	11/10/2014 16:47	0	0	0
77	11/10/2014 16:52	0	0	0
78	11/10/2014 16:57	0	0	0
79	11/10/2014 17:02	0	0	0
80	11/10/2014 17:07	0	0	0
81	11/10/2014 17:12	0	0	0
82	11/10/2014 17:17	0	0	0
83	11/10/2014 17:22	0	0	0
84	11/10/2014 17:27	0	0	0
85	11/10/2014 17:32	0	0	0
86	11/10/2014 17:37	0	0	0
87	11/10/2014 17:42	0	0	0
88	11/10/2014 17:47	0	0	0
89	11/10/2014 17:52	0	0	0
90	11/10/2014 17:57	0	0	0
91	11/10/2014 18:02	0	0	0
92	11/10/2014 18:07	0	0	0
93	11/10/2014 18:12	0	0	0
94	11/10/2014 18:17	0	0	0
95	11/10/2014 18:22	0	0	0
96	11/10/2014 18:27	0	0	0
97	11/10/2014 18:32	0	0	0
98	11/10/2014 18:37	0	0	0
99	11/10/2014 18:42	0	0	0
100	11/10/2014 18:47	0	0	0
101	11/10/2014 18:52	0	0	0
102	11/10/2014 18:57	0	0	0
103	11/10/2014 19:02	0	0	0
104	11/10/2014 19:07	0	0	0
105	11/10/2014 19:12	0	0	0
106	11/10/2014 19:17	0	0	0
107	11/10/2014 19:22	0	0	0
108	11/10/2014 19:27	0	0	0
109	11/10/2014 19:32	0	0	0
110	11/10/2014 19:37	0	0	0
111	11/10/2014 19:42	0	0	0
112	11/10/2014 19:47	0	0	0
113	11/10/2014 19:52	0	0	0
114	11/10/2014 19:57	0	0	0
115	11/10/2014 20:02	0	0	0
116	11/10/2014 20:07	0	0	0
117	11/10/2014 20:12	0	0	0
118	11/10/2014 20:17	0	0	0
119	11/10/2014 20:22	0	0	0
120	11/10/2014 20:27	0	0	0

121	11/10/2014 20:32	0	0	0
122	11/10/2014 20:37	0	0	0
123	11/10/2014 20:42	0	0	0
124	11/10/2014 20:47	0	0	0
125	11/10/2014 20:52	0	0	0
126	11/10/2014 20:57	0	0	0
127	11/10/2014 21:02	0	0	0
128	11/10/2014 21:07	0	0	0
129	11/10/2014 21:12	0	0	0
130	11/10/2014 21:17	0	0	0
131	11/10/2014 21:22	0	0	0
132	11/10/2014 21:27	0	0	0
133	11/10/2014 21:32	0	0	0
134	11/10/2014 21:37	0	0	0
135	11/10/2014 21:42	0	0	0
136	11/10/2014 21:47	0	0	0
137	11/10/2014 21:52	0	0	0
138	11/10/2014 21:57	0	0	0
139	11/10/2014 22:02	0	0	0
140	11/10/2014 22:07	0	0	0
141	11/10/2014 22:12	0	0	0
142	11/10/2014 22:17	0	0	0
143	11/10/2014 22:22	0	0	0
144	11/10/2014 22:27	0	0	0
145	11/10/2014 22:32	0	0	0
146	11/10/2014 22:37	0	0	0
147	11/10/2014 22:42	0	0	0
148	11/10/2014 22:47	0	0	0
149	11/10/2014 22:52	0	0	0
150	11/10/2014 22:57	0	0	0
151	11/10/2014 23:02	0	0	0
152	11/10/2014 23:07	0	0	0
153	11/10/2014 23:12	0	0	0
154	11/10/2014 23:17	0	0	0
155	11/10/2014 23:22	0	0	0
156	11/10/2014 23:27	0	0	0
157	11/10/2014 23:32	0	0	0
158	11/10/2014 23:37	0	0	0
159	11/10/2014 23:42	0	0	0
160	11/10/2014 23:47	0	0	0
161	11/10/2014 23:52	0	0	0
162	11/10/2014 23:57	0	0	0
163	11/11/2014 0:02	0	0	0
164	11/11/2014 0:07	0	0	0
165	11/11/2014 0:12	0	0	0
166	11/11/2014 0:17	0	0	0
167	11/11/2014 0:22	0	0	0

168	11/11/2014 0:27	0	0	0
169	11/11/2014 0:32	0	0	0
170	11/11/2014 0:37	0	0	0
171	11/11/2014 0:42	0	0	0
172	11/11/2014 0:47	0	0	0
173	11/11/2014 0:52	0	0	0
174	11/11/2014 0:57	0	0	0
175	11/11/2014 1:02	0	0	0
176	11/11/2014 1:07	0	0	0
177	11/11/2014 1:12	0	0	0
178	11/11/2014 1:17	0	0	0
179	11/11/2014 1:22	0	0	0
180	11/11/2014 1:27	0	0	0
181	11/11/2014 1:32	0	0	0
182	11/11/2014 1:37	0	0	0
183	11/11/2014 1:42	0	0	0
184	11/11/2014 1:47	0	0	0
185	11/11/2014 1:52	0	0	0
186	11/11/2014 1:57	0	0	0
187	11/11/2014 2:02	0	0	0
188	11/11/2014 2:07	0	0	0
189	11/11/2014 2:12	0	0	0
190	11/11/2014 2:17	0	0	0
191	11/11/2014 2:22	0	0	0
192	11/11/2014 2:27	0	0	0
193	11/11/2014 2:32	0	0	0
194	11/11/2014 2:37	0	0	0
195	11/11/2014 2:42	0	0	0
196	11/11/2014 2:47	0	0	0
197	11/11/2014 2:52	0	0	0
198	11/11/2014 2:57	0	0	0
199	11/11/2014 3:02	0	0	0
200	11/11/2014 3:07	0	0	0
201	11/11/2014 3:12	0	0	0
202	11/11/2014 3:17	0	0	0
203	11/11/2014 3:22	0	0	0
204	11/11/2014 3:27	0	0	0
205	11/11/2014 3:32	0	0	0
206	11/11/2014 3:37	0	0	0
207	11/11/2014 3:42	0	0	0
208	11/11/2014 3:47	0	0	0
209	11/11/2014 3:52	0	0	0
210	11/11/2014 3:57	0	0	0
211	11/11/2014 4:02	0	0	0
212	11/11/2014 4:07	0	0	0
213	11/11/2014 4:12	0	0	0
214	11/11/2014 4:17	0	0	0

215	11/11/2014 4:22	0	0	0
216	11/11/2014 4:27	0	0	0
217	11/11/2014 4:32	0	0	0
218	11/11/2014 4:37	0	0	0
219	11/11/2014 4:42	0	0	0
220	11/11/2014 4:47	0	0	0
221	11/11/2014 4:52	0	0	0
222	11/11/2014 4:57	0	0	0
223	11/11/2014 5:02	0	0	0
224	11/11/2014 5:07	0	0	0
225	11/11/2014 5:12	0	0	0
226	11/11/2014 5:17	0	0	0
227	11/11/2014 5:22	0	0	0
228	11/11/2014 5:27	0	0	0
229	11/11/2014 5:32	0	0	0
230	11/11/2014 5:37	0	0	0
231	11/11/2014 5:42	0	0	0
232	11/11/2014 5:47	0	0	0
233	11/11/2014 5:52	0	0	0
234	11/11/2014 5:57	0	0	0
235	11/11/2014 6:02	0	0	0
236	11/11/2014 6:07	0	0	0
237	11/11/2014 6:12	0	0	0
238	11/11/2014 6:17	0	0	0
239	11/11/2014 6:22	0	0	0
240	11/11/2014 6:27	0	0	0
241	11/11/2014 6:32	0	0	0
242	11/11/2014 6:37	0	0	0
243	11/11/2014 6:42	0	0	0
244	11/11/2014 6:47	0	0	0
245	11/11/2014 6:52	0	0	0
246	11/11/2014 6:57	0	0	0
247	11/11/2014 7:02	0	0	0
248	11/11/2014 7:07	0	0	0
249	11/11/2014 7:12	0	0	0
250	11/11/2014 7:17	0	0	0
251	11/11/2014 7:22	0	0	0
252	11/11/2014 7:27	0	0	0
253	11/11/2014 7:32	0	0	0
254	11/11/2014 7:37	0	0	0
255	11/11/2014 7:42	0	0	0
256	11/11/2014 7:47	0	0	0
257	11/11/2014 7:52	0	0	0
258	11/11/2014 7:57	0	0	0
259	11/11/2014 8:02	0	0	0
260	11/11/2014 8:07	0	0	0
261	11/11/2014 8:12	0	0	0

262	11/11/2014 8:17	0	0	0
263	11/11/2014 8:22	0	0	0
264	11/11/2014 8:27	0	0	0
265	11/11/2014 8:32	0	0	0
266	11/11/2014 8:37	0	0	0
267	11/11/2014 8:42	0	0	0
268	11/11/2014 8:47	0	0	0
269	11/11/2014 8:52	0	0	0
270	11/11/2014 8:57	0	0	0
271	11/11/2014 9:02	0	0	0
272	11/11/2014 9:07	0	0	0
273	11/11/2014 9:12	0	0	0
274	11/11/2014 9:17	0	0	0
275	11/11/2014 9:22	0	0	0
276	11/11/2014 9:27	0	0	0
277	11/11/2014 9:32	0	0	0
278	11/11/2014 9:37	0	0	0
279	11/11/2014 9:42	0	0	0
280	11/11/2014 9:47	0	0	0
281	11/11/2014 9:52	0	0	0
282	11/11/2014 9:57	0	0	0
283	11/11/2014 10:02	0	0	0
284	11/11/2014 10:07	0	0	0
285	11/11/2014 10:12	0	0	0
286	11/11/2014 10:17	0	0	0
287	11/11/2014 10:22	0	0	0
288	11/11/2014 10:27	0	0	0
Peak		0	0	0.008
Min		0	0	0
Average		0	0	0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/11 10:27

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-906400

Unit Firmware Ver V1.10A

Running Mode Search Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No
Stop Reason Power Down

Site ID 00000002
User ID 00000001

Begin 2014/11/11 10:27:26
End 2014/11/11 16:27:38
Sample Period(s) 300
Number of Records 72

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/11/2014 10:32	0	0	0
2	11/11/2014 10:37	0	0	0
3	11/11/2014 10:42	0	0	0
4	11/11/2014 10:47	0	0	0
5	11/11/2014 10:52	0	0	0
6	11/11/2014 10:57	0	0	0
7	11/11/2014 11:02	0	0	0
8	11/11/2014 11:07	0	0	0
9	11/11/2014 11:12	0	0	0
10	11/11/2014 11:17	0	0	0
11	11/11/2014 11:22	0	0	0
12	11/11/2014 11:27	0	0	0
13	11/11/2014 11:32	0	0	0
14	11/11/2014 11:37	0	0	0
15	11/11/2014 11:42	0	0	0
16	11/11/2014 11:47	0	0	0
17	11/11/2014 11:52	0	0	0
18	11/11/2014 11:57	0	0	0
19	11/11/2014 12:02	0	0	0

20	11/11/2014 12:07	0	0	0
21	11/11/2014 12:12	0	0	0
22	11/11/2014 12:17	0	0	0
23	11/11/2014 12:22	0	0	0
24	11/11/2014 12:27	0	0	0
25	11/11/2014 12:32	0	0	0
26	11/11/2014 12:37	0	0	0
27	11/11/2014 12:42	0	0	0
28	11/11/2014 12:47	0	0	0
29	11/11/2014 12:52	0	0	0
30	11/11/2014 12:57	0	0	0
31	11/11/2014 13:02	0	0	0
32	11/11/2014 13:07	0	0	0
33	11/11/2014 13:12	0	0	0
34	11/11/2014 13:17	0	0	0
35	11/11/2014 13:22	0	0	0
36	11/11/2014 13:27	0	0	0
37	11/11/2014 13:32	0	0	0
38	11/11/2014 13:37	0	0	0
39	11/11/2014 13:42	0	0	0
40	11/11/2014 13:47	0	0	0
41	11/11/2014 13:52	0	0	0
42	11/11/2014 13:57	0	0	0
43	11/11/2014 14:02	0	0	0
44	11/11/2014 14:07	0	0	0
45	11/11/2014 14:12	0	0	0
46	11/11/2014 14:17	0	0	0
47	11/11/2014 14:22	0	0	0
48	11/11/2014 14:27	0	0	0
49	11/11/2014 14:32	0	0	0
50	11/11/2014 14:37	0	0	0
51	11/11/2014 14:42	0	0	0
52	11/11/2014 14:47	0	0	0
53	11/11/2014 14:52	0	0	0
54	11/11/2014 14:57	0	0	0
55	11/11/2014 15:02	0	0	0
56	11/11/2014 15:07	0	0	0
57	11/11/2014 15:12	0	0	0
58	11/11/2014 15:17	0	0	0
59	11/11/2014 15:22	0	0	0
60	11/11/2014 15:27	0	0	0
61	11/11/2014 15:32	0	0	0
62	11/11/2014 15:37	0	0	0
63	11/11/2014 15:42	0	0	0
64	11/11/2014 15:47	0	0	0
65	11/11/2014 15:52	0	0	0
66	11/11/2014 15:57	0	0	0

67	11/11/2014 16:02	0	0	0
68	11/11/2014 16:07	0	0	0
69	11/11/2014 16:12	0	0	0
70	11/11/2014 16:17	0	0	0
71	11/11/2014 16:22	0	0	0
72	11/11/2014 16:27	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****
TWA/STEL
No enabled sensor supports TWA/STEL.
==========
14/11/13 08:52
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-906400
Unit Firmware Ver V1.10A

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000003
User ID 00000001

Begin 2014/11/13 08:52:00
End 2014/11/13 16:15:07
Sample Period(s) 300
Number of Records 88

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04

Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/13/2014 8:57	0	0	0
2	11/13/2014 9:02	0	0	0
3	11/13/2014 9:07	0	0	0
4	11/13/2014 9:12	0	0	0
5	11/13/2014 9:17	0	0	0
6	11/13/2014 9:22	0	0	0
7	11/13/2014 9:27	0	0	0
8	11/13/2014 9:32	0	0	0
9	11/13/2014 9:37	0	0	0
10	11/13/2014 9:42	0	0	0
11	11/13/2014 9:47	0	0	0
12	11/13/2014 9:52	0	0	0
13	11/13/2014 9:57	0	0	0
14	11/13/2014 10:02	0	0	0
15	11/13/2014 10:07	0	0	0
16	11/13/2014 10:12	0	0	0
17	11/13/2014 10:17	0	0	0
18	11/13/2014 10:22	0	0	0
19	11/13/2014 10:27	0	0	0
20	11/13/2014 10:32	0	0	0
21	11/13/2014 10:37	0	0	0
22	11/13/2014 10:42	0	0	0
23	11/13/2014 10:47	0	0	0
24	11/13/2014 10:52	0	0	0
25	11/13/2014 10:57	0	0	0
26	11/13/2014 11:02	0	0	0
27	11/13/2014 11:07	0	0	0
28	11/13/2014 11:12	0	0	0
29	11/13/2014 11:17	0	0	0
30	11/13/2014 11:22	0	0	0
31	11/13/2014 11:27	0	0	0
32	11/13/2014 11:32	0	0	0
33	11/13/2014 11:37	0	0	0
34	11/13/2014 11:42	0	0	0
35	11/13/2014 11:47	0	0	0
36	11/13/2014 11:52	0	0	0
37	11/13/2014 11:57	0	0	0
38	11/13/2014 12:02	0	0	0
39	11/13/2014 12:07	0	0	0
40	11/13/2014 12:12	0	0	0

41	11/13/2014 12:17	0	0	0
42	11/13/2014 12:22	0	0	0
43	11/13/2014 12:27	0	0	0
44	11/13/2014 12:32	0	0	0
45	11/13/2014 12:37	0	0	0
46	11/13/2014 12:42	0	0	0
47	11/13/2014 12:47	0	0	0
48	11/13/2014 12:52	0	0	0
49	11/13/2014 12:57	0	0	0
50	11/13/2014 13:02	0	0	0
51	11/13/2014 13:07	0	0	0
52	11/13/2014 13:12	0	0	0
53	11/13/2014 13:17	0	0	0
54	11/13/2014 13:22	0	0	0
55	11/13/2014 13:27	0	0	0
56	11/13/2014 13:32	0	0	0
57	11/13/2014 13:37	0	0	0
58	11/13/2014 13:42	0	0	0
59	11/13/2014 13:47	0	0	0
60	11/13/2014 13:52	0	0	0
61	11/13/2014 13:57	0	0	0
62	11/13/2014 14:02	0	0	0
63	11/13/2014 14:07	0	0	0
64	11/13/2014 14:12	0	0	0
65	11/13/2014 14:17	0	0	0
66	11/13/2014 14:22	0	0	0
67	11/13/2014 14:27	0	0	0
68	11/13/2014 14:32	0	0	0
69	11/13/2014 14:37	0	0	0
70	11/13/2014 14:42	0	0	0
71	11/13/2014 14:47	0	0	0
72	11/13/2014 14:52	0	0	0
73	11/13/2014 14:57	0	0	0
74	11/13/2014 15:02	0	0	0
75	11/13/2014 15:07	0	0	0
76	11/13/2014 15:12	0	0	0
77	11/13/2014 15:17	0	0	0
78	11/13/2014 15:22	0	0	0
79	11/13/2014 15:27	0	0	0
80	11/13/2014 15:32	0	0	0
81	11/13/2014 15:37	0	0	0
82	11/13/2014 15:42	0	0.005	0.031
83	11/13/2014 15:47	0	0.002	0.037
84	11/13/2014 15:52	0	0.016	0.044
85	11/13/2014 15:57	0	0.017	0.056
86	11/13/2014 16:02	0.003	0.028	0.071
87	11/13/2014 16:07	0.021	0.05	0.086

88	11/13/2014 16:12	0.02	0.041	0.091
Peak		0.021	0.05	0.091
Min		0	0	0
Average		0.001	0.002	0.005

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/18 09:05

****

Summary

Unit Name MiniRAE 3000
Unit SN 592-906400
Unit Firmware Ver V1.10A

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000004
User ID 00000001

Begin 2014/11/18 09:05:42
End 2014/11/18 16:50:31
Sample Period(s) 300
Number of Records 92

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04
Peak N/A
Min N/A
Average N/A

****

Datalog Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/18/2014 9:10	0	0	0
2	11/18/2014 9:15	0	0	0
3	11/18/2014 9:20	0	0	0
4	11/18/2014 9:25	0	0	0
5	11/18/2014 9:30	0	0	0
6	11/18/2014 9:35	0	0	0
7	11/18/2014 9:40	0	0	0
8	11/18/2014 9:45	0	0	0
9	11/18/2014 9:50	0	0	0
10	11/18/2014 9:55	0	0	0
11	11/18/2014 10:00	0	0	0
12	11/18/2014 10:05	0	0	0
13	11/18/2014 10:10	0	0	0
14	11/18/2014 10:15	0	0	0
15	11/18/2014 10:20	0	0	0
16	11/18/2014 10:25	0	0	0
17	11/18/2014 10:30	0	0	0
18	11/18/2014 10:35	0	0	0
19	11/18/2014 10:40	0	0	0
20	11/18/2014 10:45	0	0	0
21	11/18/2014 10:50	0	0	0
22	11/18/2014 10:55	0	0	0
23	11/18/2014 11:00	0	0	0
24	11/18/2014 11:05	0	0	0
25	11/18/2014 11:10	0	0	0
26	11/18/2014 11:15	0	0	0
27	11/18/2014 11:20	0	0	0
28	11/18/2014 11:25	0	0	0
29	11/18/2014 11:30	0	0	0
30	11/18/2014 11:35	0	0	0
31	11/18/2014 11:40	0	0	0
32	11/18/2014 11:45	0	0	0
33	11/18/2014 11:50	0	0	0
34	11/18/2014 11:55	0	0	0
35	11/18/2014 12:00	0	0	0
36	11/18/2014 12:05	0	0	0
37	11/18/2014 12:10	0	0	0
38	11/18/2014 12:15	0	0	0
39	11/18/2014 12:20	0	0	0
40	11/18/2014 12:25	0	0	0
41	11/18/2014 12:30	0	0	0
42	11/18/2014 12:35	0	0	0
43	11/18/2014 12:40	0	0	0
44	11/18/2014 12:45	0	0	0
45	11/18/2014 12:50	0	0	0

46	11/18/2014 12:55	0	0	0
47	11/18/2014 13:00	0	0	0
48	11/18/2014 13:05	0	0	0
49	11/18/2014 13:10	0	0	0
50	11/18/2014 13:15	0	0	0
51	11/18/2014 13:20	0	0	0
52	11/18/2014 13:25	0	0	0
53	11/18/2014 13:30	0	0	0
54	11/18/2014 13:35	0	0	0
55	11/18/2014 13:40	0	0	0
56	11/18/2014 13:45	0	0	0
57	11/18/2014 13:50	0	0	0
58	11/18/2014 13:55	0	0	0
59	11/18/2014 14:00	0	0	0
60	11/18/2014 14:05	0	0	0
61	11/18/2014 14:10	0	0	0
62	11/18/2014 14:15	0	0	0
63	11/18/2014 14:20	0	0	0
64	11/18/2014 14:25	0	0	0
65	11/18/2014 14:30	0	0	0
66	11/18/2014 14:35	0	0	0
67	11/18/2014 14:40	0	0	0
68	11/18/2014 14:45	0	0	0
69	11/18/2014 14:50	0	0	0
70	11/18/2014 14:55	0	0	0
71	11/18/2014 15:00	0	0	0
72	11/18/2014 15:05	0	0	0
73	11/18/2014 15:10	0	0	0
74	11/18/2014 15:15	0	0	0
75	11/18/2014 15:20	0	0	0
76	11/18/2014 15:25	0	0	0
77	11/18/2014 15:30	0	0	0
78	11/18/2014 15:35	0	0	0
79	11/18/2014 15:40	0	0	0
80	11/18/2014 15:45	0	0	0
81	11/18/2014 15:50	0	0	0
82	11/18/2014 15:55	0	0	0
83	11/18/2014 16:00	0	0	0
84	11/18/2014 16:05	0	0	0
85	11/18/2014 16:10	0	0	0
86	11/18/2014 16:15	0	0	0
87	11/18/2014 16:20	0	0	0
88	11/18/2014 16:25	0	0	0
89	11/18/2014 16:30	0	0	0
90	11/18/2014 16:35	0	0	0
91	11/18/2014 16:40	0	0	0
92	11/18/2014 16:45	0	0	0

Peak	0	0	0
Min	0	0	0
Average	0	0	0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/19 09:05

****

Summary

Unit Name	MiniRAE 3000
Unit SN	592-906400
Unit Firmware Ver	V1.10A

Running Mode	Search Mode
Measure Type	Min; Avg; Max
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	00000005
User ID	00000001

Begin	2014/11/19 09:05:36
End	2014/11/19 11:51:03
Sample Period(s)	300
Number of Records	33

Sensor	VOC(ppm)
Span	100.000
Span 2	N/A
Low Alarm	50.000
High Alarm	100.000
Over Alarm	15000.000
STEL Alarm	25.000
TWA Alarm	10.000
Measurement Gas	Isobutene
Calibration Time	2014/10/31 12:04
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/19/2014 9:10	0	0	0
2	11/19/2014 9:15	0	0	0
3	11/19/2014 9:20	0	0	0
4	11/19/2014 9:25	0	0	0
5	11/19/2014 9:30	0	0.011	0.726
6	11/19/2014 9:35	0	0	0
7	11/19/2014 9:40	0	0	0
8	11/19/2014 9:45	0	0	0
9	11/19/2014 9:50	0	0	0
10	11/19/2014 9:55	0	0	0
11	11/19/2014 10:00	0	0	0
12	11/19/2014 10:05	0	0	0
13	11/19/2014 10:10	0	0	0
14	11/19/2014 10:15	0	0	0
15	11/19/2014 10:20	0	0	0
16	11/19/2014 10:25	0	0	0
17	11/19/2014 10:30	0	0	0
18	11/19/2014 10:35	0	0	0
19	11/19/2014 10:40	0	0	0
20	11/19/2014 10:45	0	0	0
21	11/19/2014 10:50	0	0	0
22	11/19/2014 10:55	0	0	0
23	11/19/2014 11:00	0	0	0
24	11/19/2014 11:05	0	0	0
25	11/19/2014 11:10	0	0	0
26	11/19/2014 11:15	0	0	0
27	11/19/2014 11:20	0	0	0
28	11/19/2014 11:25	0	0	0
29	11/19/2014 11:30	0	0	0
30	11/19/2014 11:35	0	0	0
31	11/19/2014 11:40	0	0	0
32	11/19/2014 11:45	0	0	0
33	11/19/2014 11:50	0	0	0
Peak		0	0.011	0.726
Min		0	0	0
Average		0	0	0.022

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/21 09:41

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-906400
Unit Firmware Ver V1.10A

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000006
User ID 00000001

Begin 2014/11/21 09:41:30
End 2014/11/21 16:30:50
Sample Period(s) 300
Number of Records 81

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/21/2014 9:46	0	0	0
2	11/21/2014 9:51	0	0	0
3	11/21/2014 9:56	0	0	0
4	11/21/2014 10:01	0	0	0
5	11/21/2014 10:06	0	0	0
6	11/21/2014 10:11	0	0	0
7	11/21/2014 10:16	0	0	0
8	11/21/2014 10:21	0	0	0
9	11/21/2014 10:26	0	0	0
10	11/21/2014 10:31	0	0	0
11	11/21/2014 10:36	0	0	0
12	11/21/2014 10:41	0	0	0

13	11/21/2014 10:46	0	0	0
14	11/21/2014 10:51	0	0	0
15	11/21/2014 10:56	0	0	0
16	11/21/2014 11:01	0	0	0
17	11/21/2014 11:06	0	0	0
18	11/21/2014 11:11	0	0	0
19	11/21/2014 11:16	0	0	0
20	11/21/2014 11:21	0	0	0
21	11/21/2014 11:26	0	0	0
22	11/21/2014 11:31	0	0	0
23	11/21/2014 11:36	0	0	0
24	11/21/2014 11:41	0	0	0
25	11/21/2014 11:46	0	0	0
26	11/21/2014 11:51	0	0	0
27	11/21/2014 11:56	0	0	0
28	11/21/2014 12:01	0	0	0
29	11/21/2014 12:06	0	0	0
30	11/21/2014 12:11	0	0	0
31	11/21/2014 12:16	0	0	0
32	11/21/2014 12:21	0	0	0
33	11/21/2014 12:26	0	0	0
34	11/21/2014 12:31	0	0	0
35	11/21/2014 12:36	0	0	0
36	11/21/2014 12:41	0	0	0
37	11/21/2014 12:46	0	0	0
38	11/21/2014 12:51	0	0	0
39	11/21/2014 12:56	0	0	0
40	11/21/2014 13:01	0	0	0
41	11/21/2014 13:06	0	0	0
42	11/21/2014 13:11	0	0	0
43	11/21/2014 13:16	0	0	0
44	11/21/2014 13:21	0	0	0
45	11/21/2014 13:26	0	0	0
46	11/21/2014 13:31	0	0	0
47	11/21/2014 13:36	0	0	0
48	11/21/2014 13:41	0	0	0
49	11/21/2014 13:46	0	0	0
50	11/21/2014 13:51	0	0	0
51	11/21/2014 13:56	0	0	0
52	11/21/2014 14:01	0	0	0
53	11/21/2014 14:06	0	0	0
54	11/21/2014 14:11	0	0	0
55	11/21/2014 14:16	0	0	0
56	11/21/2014 14:21	0	0	0
57	11/21/2014 14:26	0	0	0
58	11/21/2014 14:31	0	0	0
59	11/21/2014 14:36	0	0	0

60	11/21/2014 14:41	0	0	0
61	11/21/2014 14:46	0	0	0
62	11/21/2014 14:51	0	0	0
63	11/21/2014 14:56	0	0	0
64	11/21/2014 15:01	0	0	0
65	11/21/2014 15:06	0	0	0
66	11/21/2014 15:11	0	0	0
67	11/21/2014 15:16	0	0	0
68	11/21/2014 15:21	0	0	0
69	11/21/2014 15:26	0	0	0
70	11/21/2014 15:31	0	0	0
71	11/21/2014 15:36	0	0	0
72	11/21/2014 15:41	0	0	0
73	11/21/2014 15:46	0	0	0
74	11/21/2014 15:51	0	0	0
75	11/21/2014 15:56	0	0	0
76	11/21/2014 16:01	0	0	0
77	11/21/2014 16:06	0	0	0
78	11/21/2014 16:11	0	0	0
79	11/21/2014 16:16	0	0	0
80	11/21/2014 16:21	0	0	0
81	11/21/2014 16:26	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/24 09:20*

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-906400

Unit Firmware Ver V1.10A

Running Mode Search Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID 00000007

User ID 00000001

Begin 2014/11/24 09:20:43
End 2014/11/24 15:50:18
Sample Period(s) 300
Number of Records 77

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutene
Calibration Time 2014/10/31 12:04
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(Min)	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/24/2014 9:25	13.843	15.614	19.519
2	11/24/2014 9:30	11.754	13.024	15.484
3	11/24/2014 9:35	10.588	11.437	12.449
4	11/24/2014 9:40	9.877	10.782	11.43
5	11/24/2014 9:45	9.438	10.228	11.06
6	11/24/2014 9:50	8.429	9.51	10.617
7	11/24/2014 9:55	8.02	8.353	8.863
8	11/24/2014 10:00	7.229	7.579	8.25
9	11/24/2014 10:05	7.247	7.446	7.77
10	11/24/2014 10:10	6.866	7.283	8.174
11	11/24/2014 10:15	6.26	6.616	7.126
12	11/24/2014 10:20	5.134	5.858	6.398
13	11/24/2014 10:25	4.703	5.4	5.938
14	11/24/2014 10:30	5.074	5.501	5.993
15	11/24/2014 10:35	3.794	4.544	5.469
16	11/24/2014 10:40	3.477	3.818	4.141
17	11/24/2014 10:45	2.921	3.268	3.98
18	11/24/2014 10:50	2.392	2.815	3.293
19	11/24/2014 10:55	1.932	2.355	2.709
20	11/24/2014 11:00	1.437	2.01	2.316
21	11/24/2014 11:05	1.469	1.612	1.803
22	11/24/2014 11:10	1.192	1.325	1.733
23	11/24/2014 11:15	1.124	1.246	1.388
24	11/24/2014 11:20	0.784	1.052	1.364

25	11/24/2014 11:25	0.598	0.823	0.942
26	11/24/2014 11:30	0.827	0.945	1.032
27	11/24/2014 11:35	0.655	0.815	1.014
28	11/24/2014 11:40	0.485	0.642	0.795
29	11/24/2014 11:45	0.344	0.479	0.702
30	11/24/2014 11:50	0.336	0.417	0.511
31	11/24/2014 11:55	0.195	0.335	0.51
32	11/24/2014 12:00	0.019	0.099	0.23
33	11/24/2014 12:05	0	0.02	0.058
34	11/24/2014 12:10	0	0	0
35	11/24/2014 12:15	0	0	0
36	11/24/2014 12:20	0	0	0
37	11/24/2014 12:25	0	0	0
38	11/24/2014 12:30	0	0	0
39	11/24/2014 12:35	0	0	0
40	11/24/2014 12:40	0	0	0
41	11/24/2014 12:45	0	0	0
42	11/24/2014 12:50	0	0	0
43	11/24/2014 12:55	0	0	0
44	11/24/2014 13:00	0	0	0
45	11/24/2014 13:05	0	0	0
46	11/24/2014 13:10	0	0	0
47	11/24/2014 13:15	0	0	0
48	11/24/2014 13:20	0	0	0
49	11/24/2014 13:25	0	0	0
50	11/24/2014 13:30	0	0	0
51	11/24/2014 13:35	0	0	0
52	11/24/2014 13:40	0	0	0
53	11/24/2014 13:45	0	0	0
54	11/24/2014 13:50	0	0	0
55	11/24/2014 13:55	0	0	0
56	11/24/2014 14:00	0	0	0
57	11/24/2014 14:05	0	0	0
58	11/24/2014 14:10	0	0	0
59	11/24/2014 14:15	0	0	0
60	11/24/2014 14:20	0	0	0
61	11/24/2014 14:25	0	0	0
62	11/24/2014 14:30	0	0	0
63	11/24/2014 14:35	0	0	0
64	11/24/2014 14:40	0	0	0
65	11/24/2014 14:45	0	0	0
66	11/24/2014 14:50	0	0	0
67	11/24/2014 14:55	0	0	0
68	11/24/2014 15:00	0	0	0
69	11/24/2014 15:05	0	0	0
70	11/24/2014 15:10	0	0	0
71	11/24/2014 15:15	0	0	0

72	11/24/2014 15:20	0	0	0
73	11/24/2014 15:25	0	0	0
74	11/24/2014 15:30	0	0	0
75	11/24/2014 15:35	0	0	0
76	11/24/2014 15:40	0	0	0
77	11/24/2014 15:45	0	0	0
Peak		13.843	15.614	19.519
Min		0	0	0
Average		1.798	1.99	2.248

****

TWA/STEL

No enabled sensor supports TWA/STEL.

*PID was used to check workspace PID accuracy during sample screening Novemeber 24th, 2014.

DOWNWIND PHOTOIONIZATION DETECTOR AIR MONITORING DATA

==========
14/10/27 10:17
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-904148
Unit Firmware Ver V1.20

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/10/27 10:17:05
End 2014/10/27 15:25:48
Sample Period(s) 300
Number of Records 61

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	10/27/2014 11:22	0	0	0
2	10/27/2014 11:27	0	0	0
3	10/27/2014 11:32	0	0	0
4	10/27/2014 11:37	0	0	0
5	10/27/2014 11:42	0	0	0
6	10/27/2014 11:47	0	0	0

7	10/27/2014 11:52	0	0	0
8	10/27/2014 11:57	0	0	0
9	10/27/2014 12:02	0	0	0
10	10/27/2014 12:07	0	0	0
11	10/27/2014 12:12	0	0	0
12	10/27/2014 12:17	0	0	0
13	10/27/2014 12:22	0	0	0
14	10/27/2014 12:27	0	0	0
15	10/27/2014 12:32	0	0	0
16	10/27/2014 12:37	0	0	0
17	10/27/2014 12:42	0	0	0
18	10/27/2014 12:47	0	0	0
19	10/27/2014 12:52	0	0	0
20	10/27/2014 12:57	0	0	0
21	10/27/2014 13:02	0	0	0
22	10/27/2014 13:07	0	0	0
23	10/27/2014 13:12	0	0	0
24	10/27/2014 13:17	0	0	0
25	10/27/2014 13:22	0	0	0
26	10/27/2014 13:27	0	0	0
27	10/27/2014 13:32	0	0	0.006
28	10/27/2014 13:37	0	0.008	0.109
29	10/27/2014 13:42	0	0.022	0.17
30	10/27/2014 13:47	0	0.048	0.303
31	10/27/2014 13:52	0	0.03	0.14
32	10/27/2014 13:57	0	0.017	0.137
33	10/27/2014 14:02	0	0.001	0.039
34	10/27/2014 14:07	0	0.008	0.125
35	10/27/2014 14:12	0	0	0
36	10/27/2014 14:17	0	0.006	0.061
37	10/27/2014 14:22	0	0.003	0.062
38	10/27/2014 14:27	0	0.006	0.081
39	10/27/2014 14:32	0	0	0
40	10/27/2014 14:37	0	0	0.001
41	10/27/2014 14:42	0	0	0
42	10/27/2014 14:47	0	0.008	0.125
43	10/27/2014 14:52	0	0	0
44	10/27/2014 14:57	0	0.023	0.158
45	10/27/2014 15:02	0	0.001	0.029
46	10/27/2014 15:07	0	0.03	0.176
47	10/27/2014 15:12	0	0.024	0.128
48	10/27/2014 15:17	0	0.093	0.404
49	10/27/2014 15:22	0	0.019	0.106
50	10/27/2014 15:27	0	0.006	0.087
51	10/27/2014 15:32	0	0.033	0.136
52	10/27/2014 15:37	0	0.004	0.09
53	10/27/2014 15:42	0	0.006	0.064

	54	10/27/2014 15:47	0	0.015	0.112
	55	10/27/2014 15:52	0	0.01	0.14
	56	10/27/2014 15:57	0	0	0.005
	57	10/27/2014 16:02	0	0	0.027
	58	10/27/2014 16:07	0	0.006	0.09
	59	10/27/2014 16:12	0	0.011	0.153
	60	10/27/2014 16:17	0	0.018	0.132
	61	10/27/2014 16:22	0	0.005	0.081
Peak			0	0.093	0.404
Min			0	0	0
Average			0	0.008	0.057

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/10/28 09:10

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-904148

Unit Firmware Ver V1.20

Running Mode Hygiene Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID 00000000

User ID 00000001

Begin 2014/10/28 09:10:50

End 2014/10/28 14:36:28

Sample Period(s) 300

Number of Records 65

Sensor VOC(ppm)

Span 100.000

Span 2 N/A

Low Alarm 50.000

High Alarm 100.000

Over Alarm 15000.000

STEL Alarm 25.000

TWA Alarm 10.000

Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	10/28/2014 10:15	0	0	0
2	10/28/2014 10:20	0	0	0
3	10/28/2014 10:25	0	0	0
4	10/28/2014 10:30	0	0	0
5	10/28/2014 10:35	0	0	0
6	10/28/2014 10:40	0	0	0
7	10/28/2014 10:45	0	0	0
8	10/28/2014 10:50	0	0	0
9	10/28/2014 10:55	0	0	0
10	10/28/2014 11:00	0	0	0
11	10/28/2014 11:05	0	0	0
12	10/28/2014 11:10	0	0	0
13	10/28/2014 11:15	0	0	0
14	10/28/2014 11:20	0	0	0
15	10/28/2014 11:25	0	0	0
16	10/28/2014 11:30	0	0	0
17	10/28/2014 11:35	0	0	0
18	10/28/2014 11:40	0	0	0
19	10/28/2014 11:45	0	0	0
20	10/28/2014 11:50	0	0	0
21	10/28/2014 11:55	0	0	0
22	10/28/2014 12:00	0	0	0
23	10/28/2014 12:05	0	0	0
24	10/28/2014 12:10	0	0	0
25	10/28/2014 12:15	0	0	0.04
26	10/28/2014 12:20	0	0	0
27	10/28/2014 12:25	0	0	0
28	10/28/2014 12:30	0	0	0.014
29	10/28/2014 12:35	0	0	0
30	10/28/2014 12:40	0	0	0
31	10/28/2014 12:45	0	0	0
32	10/28/2014 12:50	0	0	0.01
33	10/28/2014 12:55	0	0	0
34	10/28/2014 13:00	0	0	0
35	10/28/2014 13:05	0	0	0.023
36	10/28/2014 13:10	0	0.065	0.161
37	10/28/2014 13:15	0	0.096	0.253
38	10/28/2014 13:20	0	0.075	0.181

	39	10/28/2014 13:25	0	0.002	0.025
	40	10/28/2014 13:30	0	0.007	0.134
	41	10/28/2014 13:35	0	0.019	0.177
	42	10/28/2014 13:40	0	0	0.02
	43	10/28/2014 13:45	0	0	0
	44	10/28/2014 13:50	0	0	0
	45	10/28/2014 13:55	0	0	0
	46	10/28/2014 14:00	0	0	0
	47	10/28/2014 14:05	0	0	0
	48	10/28/2014 14:10	0	0	0
	49	10/28/2014 14:15	0	0	0
	50	10/28/2014 14:20	0	0	0
	51	10/28/2014 14:25	0	0	0
	52	10/28/2014 14:30	0	0	0
	53	10/28/2014 14:35	0	0	0
	54	10/28/2014 14:40	0	0	0
	55	10/28/2014 14:45	0	0	0
	56	10/28/2014 14:50	0	0	0
	57	10/28/2014 14:55	0	0	0
	58	10/28/2014 15:00	0	0	0
	59	10/28/2014 15:05	0	0	0
	60	10/28/2014 15:10	0	0	0
	61	10/28/2014 15:15	0	0	0
	62	10/28/2014 15:20	0	0	0
	63	10/28/2014 15:25	0	0	0
	64	10/28/2014 15:30	0	0	0
	65	10/28/2014 15:35	0	0.01	0.466
Peak			0	0.096	0.466
Min			0	0	0
Average			0	0.004	0.023

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/10/29 08:26

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-904148

Unit Firmware Ver V1.20

Running Mode Hygiene Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/10/29 08:26:08
End 2014/10/29 13:46:48
Sample Period(s) 300
Number of Records 64

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	10/29/2014 9:31	0	0	0
2	10/29/2014 9:36	0	0	0
3	10/29/2014 9:41	0	0	0
4	10/29/2014 9:46	0	0	0
5	10/29/2014 9:51	0	0	0
6	10/29/2014 9:56	0	0	0
7	10/29/2014 10:01	0	0	0
8	10/29/2014 10:06	0	0	0
9	10/29/2014 10:11	0	0	0
10	10/29/2014 10:16	0	0	0
11	10/29/2014 10:21	0	0	0
12	10/29/2014 10:26	0	0	0
13	10/29/2014 10:31	0	0	0
14	10/29/2014 10:36	0	0	0
15	10/29/2014 10:41	0	0	0
16	10/29/2014 10:46	0	0	0
17	10/29/2014 10:51	0	0	0
18	10/29/2014 10:56	0	0.024	1.553
19	10/29/2014 11:01	0	0	0

	20	10/29/2014 11:06	0	0	0
	21	10/29/2014 11:11	0	0	0
	22	10/29/2014 11:16	0	0	0
	23	10/29/2014 11:21	0	0	0
	24	10/29/2014 11:26	0	0	0
	25	10/29/2014 11:31	0	0.03	0.958
	26	10/29/2014 11:36	0	0.12	1.27
	27	10/29/2014 11:41	0	0	0
	28	10/29/2014 11:46	0	0	0
	29	10/29/2014 11:51	0	0	0
	30	10/29/2014 11:56	0	0	0
	31	10/29/2014 12:01	0	0	0
	32	10/29/2014 12:06	0	0	0
	33	10/29/2014 12:11	0	0	0
	34	10/29/2014 12:16	0	0	0.002
	35	10/29/2014 12:21	0	0	0
	36	10/29/2014 12:26	0	0	0
	37	10/29/2014 12:31	0	0	0
	38	10/29/2014 12:36	0	0	0
	39	10/29/2014 12:41	0	0	0
	40	10/29/2014 12:46	0	0	0
	41	10/29/2014 12:51	0	0	0
	42	10/29/2014 12:56	0	0	0
	43	10/29/2014 13:01	0	0	0
	44	10/29/2014 13:06	0	0	0
	45	10/29/2014 13:11	0	0	0
	46	10/29/2014 13:16	0	0	0
	47	10/29/2014 13:21	0	0	0
	48	10/29/2014 13:26	0	0	0
	49	10/29/2014 13:31	0	0	0
	50	10/29/2014 13:36	0	0	0
	51	10/29/2014 13:41	0	0	0
	52	10/29/2014 13:46	0	0	0
	53	10/29/2014 13:51	0	0	0
	54	10/29/2014 13:56	0	0	0
	55	10/29/2014 14:01	0	0	0
	56	10/29/2014 14:06	0	0	0.004
	57	10/29/2014 14:11	0	0	0
	58	10/29/2014 14:16	0	0	0
	59	10/29/2014 14:21	0	0	0
	60	10/29/2014 14:26	0	0	0
	61	10/29/2014 14:31	0	0	0
	62	10/29/2014 14:36	0	0	0
	63	10/29/2014 14:41	0	0	0
	64	10/29/2014 14:46	0	0	0
Peak			0	0.12	1.553
Min			0	0	0

Average 0 0.003 0.059

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/10/31 08:25

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-904148

Unit Firmware Ver V1.20

Running Mode Hygiene Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID 00000000

User ID 00000001

Begin 2014/10/31 08:25:10

End 2014/10/31 12:11:02

Sample Period(s) 300

Number of Records 45

Sensor VOC(ppm)

Span 100.000

Span 2 N/A

Low Alarm 50.000

High Alarm 100.000

Over Alarm 15000.000

STEL Alarm 25.000

TWA Alarm 10.000

Measurement Gas Isobutylene

Calibration Time 2014/10/24 15:49

Peak N/A

Min N/A

Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	10/31/2014 9:30	0	0.016	0.727

	2	10/31/2014 9:35	0	0	0
	3	10/31/2014 9:40	0	0	0
	4	10/31/2014 9:45	0	0	0
	5	10/31/2014 9:50	0	0	0
	6	10/31/2014 9:55	0	0	0
	7	10/31/2014 10:00	0	0	0
	8	10/31/2014 10:05	0	0	0
	9	10/31/2014 10:10	0	0	0
	10	10/31/2014 10:15	0	0	0
	11	10/31/2014 10:20	0	0	0
	12	10/31/2014 10:25	0	0	0
	13	10/31/2014 10:30	0	0	0
	14	10/31/2014 10:35	0	0	0
	15	10/31/2014 10:40	0	0	0
	16	10/31/2014 10:45	0	0	0
	17	10/31/2014 10:50	0	0	0
	18	10/31/2014 10:55	0	0	0
	19	10/31/2014 11:00	0	0	0
	20	10/31/2014 11:05	0	0	0
	21	10/31/2014 11:10	0	0	0
	22	10/31/2014 11:15	0	0	0
	23	10/31/2014 11:20	0	0	0
	24	10/31/2014 11:25	0	0	0
	25	10/31/2014 11:30	0	0	0
	26	10/31/2014 11:35	0	0	0
	27	10/31/2014 11:40	0	0	0
	28	10/31/2014 11:45	0	0	0
	29	10/31/2014 11:50	0	0	0
	30	10/31/2014 11:55	0	0	0
	31	10/31/2014 12:00	0	0	0
	32	10/31/2014 12:05	0	0	0
	33	10/31/2014 12:10	0	0	0
	34	10/31/2014 12:15	0	0	0
	35	10/31/2014 12:20	0	0	0
	36	10/31/2014 12:25	0	0	0
	37	10/31/2014 12:30	0	0	0
	38	10/31/2014 12:35	0	0	0
	39	10/31/2014 12:40	0	0	0
	40	10/31/2014 12:45	0	0	0.033
	41	10/31/2014 12:50	0	0	0
	42	10/31/2014 12:55	0	0	0
	43	10/31/2014 13:00	0	0	0
	44	10/31/2014 13:05	0	0	0
	45	10/31/2014 13:10	0	0	0
Peak			0	0.016	0.727
Min			0	0	0
Average			0	0	0.017

****
TWA/STEL
No enabled sensor supports TWA/STEL.
==========
14/11/03 10:26
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-904148
Unit Firmware Ver V1.20

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/11/03 10:26:11
End 2014/11/03 17:13:34
Sample Period(s) 300
Number of Records 81

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/3/2014 10:31	0	0	0
2	11/3/2014 10:36	0	0	0

3	11/3/2014 10:41	0	0	0
4	11/3/2014 10:46	0	0	0
5	11/3/2014 10:51	0	0	0
6	11/3/2014 10:56	0	0	0
7	11/3/2014 11:01	0	0	0
8	11/3/2014 11:06	0	0	0
9	11/3/2014 11:11	0	0	0
10	11/3/2014 11:16	0	0	0
11	11/3/2014 11:21	0	0	0
12	11/3/2014 11:26	0	0	0
13	11/3/2014 11:31	0	0	0
14	11/3/2014 11:36	0	0	0
15	11/3/2014 11:41	0	0	0
16	11/3/2014 11:46	0	0	0
17	11/3/2014 11:51	0	0	0
18	11/3/2014 11:56	0	0	0
19	11/3/2014 12:01	0	0	0
20	11/3/2014 12:06	0	0	0
21	11/3/2014 12:11	0	0	0
22	11/3/2014 12:16	0	0	0
23	11/3/2014 12:21	0	0	0
24	11/3/2014 12:26	0	0	0
25	11/3/2014 12:31	0	0	0
26	11/3/2014 12:36	0	0	0
27	11/3/2014 12:41	0	0	0
28	11/3/2014 12:46	0	0	0
29	11/3/2014 12:51	0	0	0
30	11/3/2014 12:56	0	0	0
31	11/3/2014 13:01	0	0	0
32	11/3/2014 13:06	0	0	0
33	11/3/2014 13:11	0	0	0
34	11/3/2014 13:16	0	0	0
35	11/3/2014 13:21	0	0	0
36	11/3/2014 13:26	0	0	0
37	11/3/2014 13:31	0	0	0
38	11/3/2014 13:36	0	0	0
39	11/3/2014 13:41	0	0	0
40	11/3/2014 13:46	0	0	0
41	11/3/2014 13:51	0	0	0
42	11/3/2014 13:56	0	0	0
43	11/3/2014 14:01	0	0	0
44	11/3/2014 14:06	0	0	0
45	11/3/2014 14:11	0	0	0
46	11/3/2014 14:16	0	0	0
47	11/3/2014 14:21	0	0	0
48	11/3/2014 14:26	0	0	0
49	11/3/2014 14:31	0	0	0

	50	11/3/2014 14:36	0	0	0
	51	11/3/2014 14:41	0	0	0
	52	11/3/2014 14:46	0	0	0
	53	11/3/2014 14:51	0	0	0
	54	11/3/2014 14:56	0	0	0
	55	11/3/2014 15:01	0	0	0
	56	11/3/2014 15:06	0	0	0
	57	11/3/2014 15:11	0	0	0
	58	11/3/2014 15:16	0	0	0
	59	11/3/2014 15:21	0	0	0
	60	11/3/2014 15:26	0	0	0
	61	11/3/2014 15:31	0	0	0
	62	11/3/2014 15:36	0	0	0
	63	11/3/2014 15:41	0	0	0
	64	11/3/2014 15:46	0	0	0
	65	11/3/2014 15:51	0	0	0
	66	11/3/2014 15:56	0	0	0
	67	11/3/2014 16:01	0	0	0
	68	11/3/2014 16:06	0	0	0
	69	11/3/2014 16:11	0	0	0
	70	11/3/2014 16:16	0	0	0
	71	11/3/2014 16:21	0	0	0
	72	11/3/2014 16:26	0	0	0
	73	11/3/2014 16:31	0	0	0
	74	11/3/2014 16:36	0	0	0
	75	11/3/2014 16:41	0	0	0
	76	11/3/2014 16:46	0	0	0
	77	11/3/2014 16:51	0	0	0
	78	11/3/2014 16:56	0	0.451	3.088
	79	11/3/2014 17:01	0	0.05	2.772
	80	11/3/2014 17:06	0	0.145	3.456
	81	11/3/2014 17:11	0	0.005	0.095
Peak			0	0.451	3.456
Min			0	0	0
Average			0	0.008	0.116

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/04 08:15

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-904148

Unit Firmware Ver V1.20

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/11/04 08:15:12
End 2014/11/04 16:38:54
Sample Period(s) 300
Number of Records 100

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/4/2014 8:20	0	0	0
2	11/4/2014 8:25	0	0.001	0.146
3	11/4/2014 8:30	0	0	0
4	11/4/2014 8:35	0	0.062	3.153
5	11/4/2014 8:40	0	0.309	4.022
6	11/4/2014 8:45	0	0	0
7	11/4/2014 8:50	0	0	0
8	11/4/2014 8:55	0	0	0
9	11/4/2014 9:00	0	0	0
10	11/4/2014 9:05	0	0	0
11	11/4/2014 9:10	0	0	0
12	11/4/2014 9:15	0	0	0
13	11/4/2014 9:20	0	0	0
14	11/4/2014 9:25	0	0	0

15	11/4/2014 9:30	0	0	0
16	11/4/2014 9:35	0	0	0
17	11/4/2014 9:40	0	0	0
18	11/4/2014 9:45	0	0	0
19	11/4/2014 9:50	0	0	0
20	11/4/2014 9:55	0	0	0
21	11/4/2014 10:00	0	0	0
22	11/4/2014 10:05	0	0	0
23	11/4/2014 10:10	0	0.001	0.097
24	11/4/2014 10:15	0	0	0
25	11/4/2014 10:20	0	0	0
26	11/4/2014 10:25	0	0	0.029
27	11/4/2014 10:30	0	0	0.042
28	11/4/2014 10:35	0	0	0
29	11/4/2014 10:40	0	0	0
30	11/4/2014 10:45	0	0	0
31	11/4/2014 10:50	0	0	0.012
32	11/4/2014 10:55	0	0	0
33	11/4/2014 11:00	0	0	0
34	11/4/2014 11:05	0	0	0
35	11/4/2014 11:10	0	0	0
36	11/4/2014 11:15	0	0	0
37	11/4/2014 11:20	0	0	0
38	11/4/2014 11:25	0	0	0
39	11/4/2014 11:30	0	0	0
40	11/4/2014 11:35	0	0	0
41	11/4/2014 11:40	0	0	0
42	11/4/2014 11:45	0	0	0
43	11/4/2014 11:50	0	0	0
44	11/4/2014 11:55	0	0	0
45	11/4/2014 12:00	0	0	0
46	11/4/2014 12:05	0	0	0
47	11/4/2014 12:10	0	0	0
48	11/4/2014 12:15	0	0	0
49	11/4/2014 12:20	0	0	0
50	11/4/2014 12:25	0	0	0
51	11/4/2014 12:30	0	0	0
52	11/4/2014 12:35	0	0	0
53	11/4/2014 12:40	0	0	0
54	11/4/2014 12:45	0	0	0
55	11/4/2014 12:50	0	0	0
56	11/4/2014 12:55	0	0	0
57	11/4/2014 13:00	0	0	0.032
58	11/4/2014 13:05	0	0	0.003
59	11/4/2014 13:10	0	0.073	2.504
60	11/4/2014 13:15	0	0.03	0.461
61	11/4/2014 13:20	0	0.066	0.292

	62	11/4/2014 13:25	0	0.014	0.208
	63	11/4/2014 13:30	0	0	0.024
	64	11/4/2014 13:35	0	0.026	0.146
	65	11/4/2014 13:40	0	0.02	0.139
	66	11/4/2014 13:45	0	0.099	0.897
	67	11/4/2014 13:50	0	0.31	0.877
	68	11/4/2014 13:55	0	0.044	0.117
	69	11/4/2014 14:00	0	0.005	0.049
	70	11/4/2014 14:05	0	0.003	0.049
	71	11/4/2014 14:10	0	0.001	0.034
	72	11/4/2014 14:15	0	0	0
	73	11/4/2014 14:20	0	0	0
	74	11/4/2014 14:25	0	0	0
	75	11/4/2014 14:30	0	0	0
	76	11/4/2014 14:35	0	0	0
	77	11/4/2014 14:40	0	0	0
	78	11/4/2014 14:45	0	0	0
	79	11/4/2014 14:50	0	0	0
	80	11/4/2014 14:55	0	0	0
	81	11/4/2014 15:00	0	0	0
	82	11/4/2014 15:05	0	0	0
	83	11/4/2014 15:10	0	0	0
	84	11/4/2014 15:15	0	0	0
	85	11/4/2014 15:20	0	0	0
	86	11/4/2014 15:25	0	0	0
	87	11/4/2014 15:30	0	0	0
	88	11/4/2014 15:35	0	0	0
	89	11/4/2014 15:40	0	0	0
	90	11/4/2014 15:45	0	0	0
	91	11/4/2014 15:50	0	0	0
	92	11/4/2014 15:55	0	0	0
	93	11/4/2014 16:00	0	0	0
	94	11/4/2014 16:05	0	0	0
	95	11/4/2014 16:10	0	0	0
	96	11/4/2014 16:15	0	0	0
	97	11/4/2014 16:20	0	0	0
	98	11/4/2014 16:25	0	0	0
	99	11/4/2014 16:30	0	0	0
	100	11/4/2014 16:35	0	0	0
Peak			0	0.31	4.022
Min			0	0	0
Average			0	0.011	0.133

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/05 09:06

****

Summary

Unit Name MiniRAE 3000
Unit SN 592-904148
Unit Firmware Ver V1.20

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000000
User ID 00000001

Begin 2014/11/05 09:06:37
End 2014/11/05 16:21:53
Sample Period(s) 300
Number of Records 87

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(M	VOC(ppm)(Avg)	VOC(ppm)(Max)
1	11/5/2014 9:11	0	0	0
2	11/5/2014 9:16	0	0	0
3	11/5/2014 9:21	0	0	0
4	11/5/2014 9:26	0	0	0
5	11/5/2014 9:31	0	0	0
6	11/5/2014 9:36	0	0	0
7	11/5/2014 9:41	0	0	0

8	11/5/2014 9:46	0	0	0
9	11/5/2014 9:51	0	0	0
10	11/5/2014 9:56	0	0	0
11	11/5/2014 10:01	0	0	0
12	11/5/2014 10:06	0	0	0
13	11/5/2014 10:11	0	0	0
14	11/5/2014 10:16	0	0	0
15	11/5/2014 10:21	0	0	0
16	11/5/2014 10:26	0	0	0
17	11/5/2014 10:31	0	0	0
18	11/5/2014 10:36	0	0	0
19	11/5/2014 10:41	0	0	0
20	11/5/2014 10:46	0	0	0
21	11/5/2014 10:51	0	0	0
22	11/5/2014 10:56	0	0	0
23	11/5/2014 11:01	0	0	0
24	11/5/2014 11:06	0	0	0
25	11/5/2014 11:11	0	0	0
26	11/5/2014 11:16	0	0	0
27	11/5/2014 11:21	0	0	0
28	11/5/2014 11:26	0	0	0
29	11/5/2014 11:31	0	0	0
30	11/5/2014 11:36	0	0	0
31	11/5/2014 11:41	0	0	0
32	11/5/2014 11:46	0	0	0
33	11/5/2014 11:51	0	0	0
34	11/5/2014 11:56	0	0	0
35	11/5/2014 12:01	0	0	0
36	11/5/2014 12:06	0	0	0
37	11/5/2014 12:11	0	0	0
38	11/5/2014 12:16	0	0	0
39	11/5/2014 12:21	0	0	0
40	11/5/2014 12:26	0	0	0
41	11/5/2014 12:31	0	0	0
42	11/5/2014 12:36	0	0	0
43	11/5/2014 12:41	0	0	0
44	11/5/2014 12:46	0	0	0
45	11/5/2014 12:51	0	0	0
46	11/5/2014 12:56	0	0	0
47	11/5/2014 13:01	0	0	0
48	11/5/2014 13:06	0	0	0
49	11/5/2014 13:11	0	0	0
50	11/5/2014 13:16	0	0	0
51	11/5/2014 13:21	0	0	0
52	11/5/2014 13:26	0	0	0
53	11/5/2014 13:31	0	0	0
54	11/5/2014 13:36	0	0	0

	55	11/5/2014 13:41	0	0	0
	56	11/5/2014 13:46	0	0	0
	57	11/5/2014 13:51	0	0	0
	58	11/5/2014 13:56	0	0	0
	59	11/5/2014 14:01	0	0	0
	60	11/5/2014 14:06	0	0	0
	61	11/5/2014 14:11	0	0	0
	62	11/5/2014 14:16	0	0	0
	63	11/5/2014 14:21	0	0	0
	64	11/5/2014 14:26	0	0	0
	65	11/5/2014 14:31	0	0	0
	66	11/5/2014 14:36	0	0	0
	67	11/5/2014 14:41	0	0	0
	68	11/5/2014 14:46	0	0	0
	69	11/5/2014 14:51	0	0	0
	70	11/5/2014 14:56	0	0	0
	71	11/5/2014 15:01	0	0	0
	72	11/5/2014 15:06	0	0	0
	73	11/5/2014 15:11	0	0	0
	74	11/5/2014 15:16	0	0	0
	75	11/5/2014 15:21	0	0	0
	76	11/5/2014 15:26	0	0	0
	77	11/5/2014 15:31	0	0	0
	78	11/5/2014 15:36	0	0	0
	79	11/5/2014 15:41	0	0	0
	80	11/5/2014 15:46	0	0	0
	81	11/5/2014 15:51	0	0	0
	82	11/5/2014 15:56	0	0	0
	83	11/5/2014 16:01	0	0	0
	84	11/5/2014 16:06	0	0	0
	85	11/5/2014 16:11	0	0	0
	86	11/5/2014 16:16	0	0	0
	87	11/5/2014 16:21	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/07 18:02

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-904148

Unit Firmware Ver V1.20

Running Mode Hygiene Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Pause in Communication Mode

Site ID 00000000
User ID 00000001

Begin 2014/11/07 18:02:56
End 2014/11/07 18:07:02
Sample Period(s) 300
Number of Records 0

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/10/24 15:49

****

Datalog
0 record.

==========
14/11/06 07:44
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-908422
Unit Firmware Ver V1.10C

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000001
User ID 00000001

Begin 2014/11/06 07:44:15
End 2014/11/06 15:20:30
Sample Period(s) 300
Number of Records 91

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/6/2014 7:49	0	0	0
2	11/6/2014 7:54	0	0	0
3	11/6/2014 7:59	0	0	0
4	11/6/2014 8:04	0	0	0
5	11/6/2014 8:09	0	0	0
6	11/6/2014 8:14	0	0	0

7	11/6/2014 8:19	0	0	0
8	11/6/2014 8:24	0	0	0
9	11/6/2014 8:29	0	0	0
10	11/6/2014 8:34	0	0	0
11	11/6/2014 8:39	0	0	0
12	11/6/2014 8:44	0	0	0
13	11/6/2014 8:49	0	0	0
14	11/6/2014 8:54	0	0	0
15	11/6/2014 8:59	0	0	0
16	11/6/2014 9:04	0	0	0
17	11/6/2014 9:09	0	0	0
18	11/6/2014 9:14	0	0	0
19	11/6/2014 9:19	0	0	0
20	11/6/2014 9:24	0	0	0
21	11/6/2014 9:29	0	0	0
22	11/6/2014 9:34	0	0	0
23	11/6/2014 9:39	0	0	0
24	11/6/2014 9:44	0	0	0
25	11/6/2014 9:49	0	0	0
26	11/6/2014 9:54	0	0	0
27	11/6/2014 9:59	0	0	0
28	11/6/2014 10:04	0	0	0
29	11/6/2014 10:09	0	0	0
30	11/6/2014 10:14	0	0	0
31	11/6/2014 10:19	0	0	0
32	11/6/2014 10:24	0	0	0
33	11/6/2014 10:29	0	0	0
34	11/6/2014 10:34	0	0	0
35	11/6/2014 10:39	0	0	0
36	11/6/2014 10:44	0	0	0
37	11/6/2014 10:49	0	0	0
38	11/6/2014 10:54	0	0	0
39	11/6/2014 10:59	0	0	0
40	11/6/2014 11:04	0	0	0
41	11/6/2014 11:09	0	0	0
42	11/6/2014 11:14	0	0	0
43	11/6/2014 11:19	0	0	0
44	11/6/2014 11:24	0	0	0
45	11/6/2014 11:29	0	0	0
46	11/6/2014 11:34	0	0	0
47	11/6/2014 11:39	0	0	0
48	11/6/2014 11:44	0	0	0
49	11/6/2014 11:49	0	0	0
50	11/6/2014 11:54	0	0	0
51	11/6/2014 11:59	0	0	0
52	11/6/2014 12:04	0	0	0
53	11/6/2014 12:09	0	0	0

54	11/6/2014 12:14	0	0	0
55	11/6/2014 12:19	0	0	0
56	11/6/2014 12:24	0	0	0
57	11/6/2014 12:29	0	0	0
58	11/6/2014 12:34	0	0	0
59	11/6/2014 12:39	0	0	0
60	11/6/2014 12:44	0	0	0
61	11/6/2014 12:49	0	0	0
62	11/6/2014 12:54	0	0	0
63	11/6/2014 12:59	0	0	0
64	11/6/2014 13:04	0	0	0
65	11/6/2014 13:09	0	0	0
66	11/6/2014 13:14	0	0	0
67	11/6/2014 13:19	0	0	0
68	11/6/2014 13:24	0	0	0
69	11/6/2014 13:29	0	0	0
70	11/6/2014 13:34	0	0	0
71	11/6/2014 13:39	0	0	0
72	11/6/2014 13:44	0	0	0
73	11/6/2014 13:49	0	0	0
74	11/6/2014 13:54	0	0	0
75	11/6/2014 13:59	0	0	0
76	11/6/2014 14:04	0	0	0
77	11/6/2014 14:09	0	0	0
78	11/6/2014 14:14	0	0	0
79	11/6/2014 14:19	0	0	0
80	11/6/2014 14:24	0	0	0
81	11/6/2014 14:29	0	0	0
82	11/6/2014 14:34	0	0	0
83	11/6/2014 14:39	0	0	0
84	11/6/2014 14:44	0	0	0
85	11/6/2014 14:49	0	0	0
86	11/6/2014 14:54	0	0	0
87	11/6/2014 14:59	0	0	0
88	11/6/2014 15:04	0	0	0
89	11/6/2014 15:09	0	0	0
90	11/6/2014 15:14	0	0	0
91	11/6/2014 15:19	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/10 09:16

****

Summary

Unit Name MiniRAE 3000
Unit SN 592-908422
Unit Firmware Ver V1.10C

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Event Driven Timeout

Site ID 00000002
User ID 00000001

Begin 2014/11/10 09:16:04
End 2014/11/11 09:16:05
Sample Period(s) 300
Number of Records 288

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/10/2014 9:21	0	0	0
2	11/10/2014 9:26	0	0	0
3	11/10/2014 9:31	0	0	0
4	11/10/2014 9:36	0	0	0
5	11/10/2014 9:41	0	0	0
6	11/10/2014 9:46	0	0	0
7	11/10/2014 9:51	0	0	0
8	11/10/2014 9:56	0	0	0

9	11/10/2014 10:01	0	0	0
10	11/10/2014 10:06	0	0	0
11	11/10/2014 10:11	0	0	0
12	11/10/2014 10:16	0	0	0
13	11/10/2014 10:21	0	0	0
14	11/10/2014 10:26	0	0	0
15	11/10/2014 10:31	0	0	0
16	11/10/2014 10:36	0	0	0
17	11/10/2014 10:41	0	0	0
18	11/10/2014 10:46	0	0	0
19	11/10/2014 10:51	0	0	0
20	11/10/2014 10:56	0	0	0
21	11/10/2014 11:01	0	0	0
22	11/10/2014 11:06	0	0	0
23	11/10/2014 11:11	0	0	0
24	11/10/2014 11:16	0	0	0
25	11/10/2014 11:21	0	0	0
26	11/10/2014 11:26	0	0	0
27	11/10/2014 11:31	0	0	0
28	11/10/2014 11:36	0	0	0
29	11/10/2014 11:41	0	0	0
30	11/10/2014 11:46	0	0	0
31	11/10/2014 11:51	0	0	0
32	11/10/2014 11:56	0	0	0
33	11/10/2014 12:01	0	0	0
34	11/10/2014 12:06	0	0	0
35	11/10/2014 12:11	0	0	0
36	11/10/2014 12:16	0	0	0
37	11/10/2014 12:21	0	0	0
38	11/10/2014 12:26	0	0	0
39	11/10/2014 12:31	0	0	0
40	11/10/2014 12:36	0	0	0
41	11/10/2014 12:41	0	0	0
42	11/10/2014 12:46	0	0	0
43	11/10/2014 12:51	0	0	0
44	11/10/2014 12:56	0	0	0
45	11/10/2014 13:01	0	0	0
46	11/10/2014 13:06	0	0	0
47	11/10/2014 13:11	0	0	0
48	11/10/2014 13:16	0	0	0
49	11/10/2014 13:21	0	0	0
50	11/10/2014 13:26	0	0	0
51	11/10/2014 13:31	0	0	0
52	11/10/2014 13:36	0	0	0
53	11/10/2014 13:41	0	0	0
54	11/10/2014 13:46	0	0	0
55	11/10/2014 13:51	0	0	0

56	11/10/2014 13:56	0	0	0
57	11/10/2014 14:01	0	0	0
58	11/10/2014 14:06	0	0	0
59	11/10/2014 14:11	0	0	0
60	11/10/2014 14:16	0	0	0
61	11/10/2014 14:21	0	0	0
62	11/10/2014 14:26	0	0	0
63	11/10/2014 14:31	0	0	0
64	11/10/2014 14:36	0	0	0
65	11/10/2014 14:41	0	0	0
66	11/10/2014 14:46	0	0	0
67	11/10/2014 14:51	0	0	0
68	11/10/2014 14:56	0	0	0
69	11/10/2014 15:01	0	0	0
70	11/10/2014 15:06	0	0	0
71	11/10/2014 15:11	0	0	0
72	11/10/2014 15:16	0	0	0
73	11/10/2014 15:21	0	0	0
74	11/10/2014 15:26	0	0	0
75	11/10/2014 15:31	0	0	0
76	11/10/2014 15:36	0	0	0
77	11/10/2014 15:41	0	0	0
78	11/10/2014 15:46	0	0	0
79	11/10/2014 15:51	0	0	0
80	11/10/2014 15:56	0	0	0.008
81	11/10/2014 16:01	0	0	0
82	11/10/2014 16:06	0	0	0
83	11/10/2014 16:11	0	0	0
84	11/10/2014 16:16	0	0	0
85	11/10/2014 16:21	0	0	0
86	11/10/2014 16:26	0	0	0
87	11/10/2014 16:31	0	0	0
88	11/10/2014 16:36	0	0	0
89	11/10/2014 16:41	0	0	0
90	11/10/2014 16:46	0	0	0
91	11/10/2014 16:51	0	0	0
92	11/10/2014 16:56	0	0	0
93	11/10/2014 17:01	0	0	0
94	11/10/2014 17:06	0	0	0
95	11/10/2014 17:11	0	0	0
96	11/10/2014 17:16	0	0	0
97	11/10/2014 17:21	0	0	0
98	11/10/2014 17:26	0	0	0
99	11/10/2014 17:31	0	0	0
100	11/10/2014 17:36	0	0	0
101	11/10/2014 17:41	0	0	0
102	11/10/2014 17:46	0	0	0

103	11/10/2014 17:51	0	0	0
104	11/10/2014 17:56	0	0	0
105	11/10/2014 18:01	0	0	0
106	11/10/2014 18:06	0	0	0
107	11/10/2014 18:11	0	0	0
108	11/10/2014 18:16	0	0	0
109	11/10/2014 18:21	0	0	0
110	11/10/2014 18:26	0	0	0
111	11/10/2014 18:31	0	0	0
112	11/10/2014 18:36	0	0	0
113	11/10/2014 18:41	0	0	0
114	11/10/2014 18:46	0	0	0
115	11/10/2014 18:51	0	0	0
116	11/10/2014 18:56	0	0	0
117	11/10/2014 19:01	0	0	0
118	11/10/2014 19:06	0	0	0
119	11/10/2014 19:11	0	0	0
120	11/10/2014 19:16	0	0	0
121	11/10/2014 19:21	0	0	0
122	11/10/2014 19:26	0	0	0
123	11/10/2014 19:31	0	0	0
124	11/10/2014 19:36	0	0	0
125	11/10/2014 19:41	0	0	0
126	11/10/2014 19:46	0	0	0
127	11/10/2014 19:51	0	0	0
128	11/10/2014 19:56	0	0	0
129	11/10/2014 20:01	0	0	0
130	11/10/2014 20:06	0	0	0
131	11/10/2014 20:11	0	0	0
132	11/10/2014 20:16	0	0	0
133	11/10/2014 20:21	0	0	0
134	11/10/2014 20:26	0	0	0
135	11/10/2014 20:31	0	0	0
136	11/10/2014 20:36	0	0	0
137	11/10/2014 20:41	0	0	0
138	11/10/2014 20:46	0	0	0
139	11/10/2014 20:51	0	0	0
140	11/10/2014 20:56	0	0	0
141	11/10/2014 21:01	0	0	0
142	11/10/2014 21:06	0	0	0
143	11/10/2014 21:11	0	0	0
144	11/10/2014 21:16	0	0	0
145	11/10/2014 21:21	0	0	0
146	11/10/2014 21:26	0	0	0
147	11/10/2014 21:31	0	0	0
148	11/10/2014 21:36	0	0	0
149	11/10/2014 21:41	0	0	0

150	11/10/2014 21:46	0	0	0
151	11/10/2014 21:51	0	0	0
152	11/10/2014 21:56	0	0	0
153	11/10/2014 22:01	0	0	0
154	11/10/2014 22:06	0	0	0
155	11/10/2014 22:11	0	0	0
156	11/10/2014 22:16	0	0	0
157	11/10/2014 22:21	0	0	0
158	11/10/2014 22:26	0	0	0
159	11/10/2014 22:31	0	0	0
160	11/10/2014 22:36	0	0	0
161	11/10/2014 22:41	0	0	0
162	11/10/2014 22:46	0	0	0
163	11/10/2014 22:51	0	0	0
164	11/10/2014 22:56	0	0	0
165	11/10/2014 23:01	0	0	0
166	11/10/2014 23:06	0	0	0
167	11/10/2014 23:11	0	0	0
168	11/10/2014 23:16	0	0	0
169	11/10/2014 23:21	0	0	0
170	11/10/2014 23:26	0	0	0
171	11/10/2014 23:31	0	0	0
172	11/10/2014 23:36	0	0	0
173	11/10/2014 23:41	0	0	0
174	11/10/2014 23:46	0	0	0
175	11/10/2014 23:51	0	0	0
176	11/10/2014 23:56	0	0	0
177	11/11/2014 0:01	0	0	0
178	11/11/2014 0:06	0	0	0
179	11/11/2014 0:11	0	0	0
180	11/11/2014 0:16	0	0	0
181	11/11/2014 0:21	0	0	0
182	11/11/2014 0:26	0	0	0
183	11/11/2014 0:31	0	0	0
184	11/11/2014 0:36	0	0	0
185	11/11/2014 0:41	0	0	0
186	11/11/2014 0:46	0	0	0
187	11/11/2014 0:51	0	0	0
188	11/11/2014 0:56	0	0	0
189	11/11/2014 1:01	0	0	0
190	11/11/2014 1:06	0	0	0
191	11/11/2014 1:11	0	0	0
192	11/11/2014 1:16	0	0	0
193	11/11/2014 1:21	0	0	0
194	11/11/2014 1:26	0	0	0
195	11/11/2014 1:31	0	0	0
196	11/11/2014 1:36	0	0	0

197	11/11/2014 1:41	0	0	0
198	11/11/2014 1:46	0	0	0
199	11/11/2014 1:51	0	0	0
200	11/11/2014 1:56	0	0	0
201	11/11/2014 2:01	0	0	0
202	11/11/2014 2:06	0	0	0
203	11/11/2014 2:11	0	0	0
204	11/11/2014 2:16	0	0	0
205	11/11/2014 2:21	0	0	0
206	11/11/2014 2:26	0	0	0
207	11/11/2014 2:31	0	0	0
208	11/11/2014 2:36	0	0	0
209	11/11/2014 2:41	0	0	0
210	11/11/2014 2:46	0	0	0
211	11/11/2014 2:51	0	0	0
212	11/11/2014 2:56	0	0	0
213	11/11/2014 3:01	0	0	0
214	11/11/2014 3:06	0	0	0
215	11/11/2014 3:11	0	0	0
216	11/11/2014 3:16	0	0	0
217	11/11/2014 3:21	0	0	0
218	11/11/2014 3:26	0	0	0
219	11/11/2014 3:31	0	0	0
220	11/11/2014 3:36	0	0	0
221	11/11/2014 3:41	0	0	0
222	11/11/2014 3:46	0	0	0
223	11/11/2014 3:51	0	0	0
224	11/11/2014 3:56	0	0	0
225	11/11/2014 4:01	0	0	0
226	11/11/2014 4:06	0	0	0
227	11/11/2014 4:11	0	0	0
228	11/11/2014 4:16	0	0	0
229	11/11/2014 4:21	0	0	0
230	11/11/2014 4:26	0	0	0
231	11/11/2014 4:31	0	0	0
232	11/11/2014 4:36	0	0	0
233	11/11/2014 4:41	0	0	0
234	11/11/2014 4:46	0	0	0
235	11/11/2014 4:51	0	0	0
236	11/11/2014 4:56	0	0	0
237	11/11/2014 5:01	0	0	0
238	11/11/2014 5:06	0	0	0
239	11/11/2014 5:11	0	0	0
240	11/11/2014 5:16	0	0	0
241	11/11/2014 5:21	0	0	0
242	11/11/2014 5:26	0	0	0
243	11/11/2014 5:31	0	0	0

	244	11/11/2014 5:36	0	0	0
	245	11/11/2014 5:41	0	0	0
	246	11/11/2014 5:46	0	0	0
	247	11/11/2014 5:51	0	0	0
	248	11/11/2014 5:56	0	0	0
	249	11/11/2014 6:01	0	0	0
	250	11/11/2014 6:06	0	0	0
	251	11/11/2014 6:11	0	0	0
	252	11/11/2014 6:16	0	0	0
	253	11/11/2014 6:21	0	0	0
	254	11/11/2014 6:26	0	0	0
	255	11/11/2014 6:31	0	0	0
	256	11/11/2014 6:36	0	0	0
	257	11/11/2014 6:41	0	0	0
	258	11/11/2014 6:46	0	0	0
	259	11/11/2014 6:51	0	0	0
	260	11/11/2014 6:56	0	0	0
	261	11/11/2014 7:01	0	0	0
	262	11/11/2014 7:06	0	0	0
	263	11/11/2014 7:11	0	0	0
	264	11/11/2014 7:16	0	0	0
	265	11/11/2014 7:21	0	0	0
	266	11/11/2014 7:26	0	0	0
	267	11/11/2014 7:31	0	0	0
	268	11/11/2014 7:36	0	0	0
	269	11/11/2014 7:41	0	0	0
	270	11/11/2014 7:46	0	0	0
	271	11/11/2014 7:51	0	0	0
	272	11/11/2014 7:56	0	0	0
	273	11/11/2014 8:01	0	0	0
	274	11/11/2014 8:06	0	0	0
	275	11/11/2014 8:11	0	0	0
	276	11/11/2014 8:16	0	0	0
	277	11/11/2014 8:21	0	0	0
	278	11/11/2014 8:26	0	0	0
	279	11/11/2014 8:31	0	0	0
	280	11/11/2014 8:36	0	0	0
	281	11/11/2014 8:41	0	0	0
	282	11/11/2014 8:46	0	0	0
	283	11/11/2014 8:51	0	0	0
	284	11/11/2014 8:56	0	0	0
	285	11/11/2014 9:01	0	0	0
	286	11/11/2014 9:06	0	0	0
	287	11/11/2014 9:11	0	0	0
	288	11/11/2014 9:16	0	0	0
Peak			0	0	0.008
Min			0	0	0

Average 0 0 0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/11 09:16

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-908422

Unit Firmware Ver V1.10C

Running Mode Search Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID 00000002

User ID 00000001

Begin 2014/11/11 09:16:06

End 2014/11/11 15:25:01

Sample Period(s) 300

Number of Records 73

Sensor VOC(ppm)

Span 100.000

Span 2 N/A

Low Alarm 50.000

High Alarm 100.000

Over Alarm 15000.000

STEL Alarm 25.000

TWA Alarm 10.000

Measurement Gas Isobutylene

Calibration Time 2014/11/04 10:40

Peak N/A

Min N/A

Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/11/2014 9:21	0	0	0

2	11/11/2014 9:26	0	0	0
3	11/11/2014 9:31	0	0	0
4	11/11/2014 9:36	0	0	0
5	11/11/2014 9:41	0	0	0
6	11/11/2014 9:46	0	0	0
7	11/11/2014 9:51	0	0	0
8	11/11/2014 9:56	0	0	0
9	11/11/2014 10:01	0	0	0
10	11/11/2014 10:06	0	0	0
11	11/11/2014 10:11	0	0	0
12	11/11/2014 10:16	0	0	0
13	11/11/2014 10:21	0	0	0
14	11/11/2014 10:26	0	0	0
15	11/11/2014 10:31	0	0	0
16	11/11/2014 10:36	0	0	0
17	11/11/2014 10:41	0	0	0
18	11/11/2014 10:46	0	0	0
19	11/11/2014 10:51	0	0	0
20	11/11/2014 10:56	0	0	0
21	11/11/2014 11:01	0	0	0
22	11/11/2014 11:06	0	0	0
23	11/11/2014 11:11	0	0	0
24	11/11/2014 11:16	0	0	0
25	11/11/2014 11:21	0	0	0
26	11/11/2014 11:26	0	0	0
27	11/11/2014 11:31	0	0	0
28	11/11/2014 11:36	0	0	0
29	11/11/2014 11:41	0	0	0
30	11/11/2014 11:46	0	0	0
31	11/11/2014 11:51	0	0	0
32	11/11/2014 11:56	0	0	0
33	11/11/2014 12:01	0	0	0
34	11/11/2014 12:06	0	0	0
35	11/11/2014 12:11	0	0	0
36	11/11/2014 12:16	0	0	0
37	11/11/2014 12:21	0	0	0
38	11/11/2014 12:26	0	0	0
39	11/11/2014 12:31	0	0	0
40	11/11/2014 12:36	0	0	0
41	11/11/2014 12:41	0	0	0
42	11/11/2014 12:46	0	0	0
43	11/11/2014 12:51	0	0	0
44	11/11/2014 12:56	0	0	0
45	11/11/2014 13:01	0	0	0
46	11/11/2014 13:06	0	0	0
47	11/11/2014 13:11	0	0	0
48	11/11/2014 13:16	0	0	0

49	11/11/2014 13:21	0	0	0
50	11/11/2014 13:26	0	0	0
51	11/11/2014 13:31	0	0	0
52	11/11/2014 13:36	0	0	0
53	11/11/2014 13:41	0	0	0
54	11/11/2014 13:46	0	0	0
55	11/11/2014 13:51	0	0	0
56	11/11/2014 13:56	0	0	0
57	11/11/2014 14:01	0	0	0
58	11/11/2014 14:06	0	0	0
59	11/11/2014 14:11	0	0	0
60	11/11/2014 14:16	0	0	0
61	11/11/2014 14:21	0	0	0
62	11/11/2014 14:26	0	0	0
63	11/11/2014 14:31	0	0	0
64	11/11/2014 14:36	0	0	0
65	11/11/2014 14:41	0	0	0
66	11/11/2014 14:46	0	0	0
67	11/11/2014 14:51	0	0	0
68	11/11/2014 14:56	0	0	0
69	11/11/2014 15:01	0	0	0
70	11/11/2014 15:06	0	0	0
71	11/11/2014 15:11	0	0	0
72	11/11/2014 15:16	0	0	0
73	11/11/2014 15:21	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****
TWA/STEL
No enabled sensor supports TWA/STEL.
==========
14/11/13 07:41
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-908422
Unit Firmware Ver V1.10C

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000003
User ID 00000001

Begin 2014/11/13 07:41:35
End 2014/11/13 15:10:52
Sample Period(s) 300
Number of Records 89

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/13/2014 7:46	0	0	0
2	11/13/2014 7:51	0	0	0
3	11/13/2014 7:56	0	0	0
4	11/13/2014 8:01	0	0	0
5	11/13/2014 8:06	0	0	0
6	11/13/2014 8:11	0	0	0
7	11/13/2014 8:16	0	0	0
8	11/13/2014 8:21	0	0	0
9	11/13/2014 8:26	0	0	0
10	11/13/2014 8:31	0	0	0
11	11/13/2014 8:36	0	0	0
12	11/13/2014 8:41	0	0	0
13	11/13/2014 8:46	0	0	0
14	11/13/2014 8:51	0	0	0
15	11/13/2014 8:56	0	0	0
16	11/13/2014 9:01	0	0	0
17	11/13/2014 9:06	0	0	0
18	11/13/2014 9:11	0	0	0
19	11/13/2014 9:16	0	0	0
20	11/13/2014 9:21	0	0	0
21	11/13/2014 9:26	0	0	0

22	11/13/2014 9:31	0	0	0
23	11/13/2014 9:36	0	0	0
24	11/13/2014 9:41	0	0	0
25	11/13/2014 9:46	0	0	0
26	11/13/2014 9:51	0	0	0
27	11/13/2014 9:56	0	0	0
28	11/13/2014 10:01	0	0	0
29	11/13/2014 10:06	0	0	0
30	11/13/2014 10:11	0	0	0
31	11/13/2014 10:16	0	0	0
32	11/13/2014 10:21	0	0	0
33	11/13/2014 10:26	0	0	0
34	11/13/2014 10:31	0	0	0
35	11/13/2014 10:36	0	0	0
36	11/13/2014 10:41	0	0	0
37	11/13/2014 10:46	0	0	0
38	11/13/2014 10:51	0	0	0
39	11/13/2014 10:56	0	0	0
40	11/13/2014 11:01	0	0	0
41	11/13/2014 11:06	0	0	0
42	11/13/2014 11:11	0	0	0
43	11/13/2014 11:16	0	0	0
44	11/13/2014 11:21	0	0	0
45	11/13/2014 11:26	0	0	0
46	11/13/2014 11:31	0	0	0
47	11/13/2014 11:36	0	0	0
48	11/13/2014 11:41	0	0	0
49	11/13/2014 11:46	0	0	0
50	11/13/2014 11:51	0	0	0
51	11/13/2014 11:56	0	0	0
52	11/13/2014 12:01	0	0	0
53	11/13/2014 12:06	0	0	0
54	11/13/2014 12:11	0	0	0
55	11/13/2014 12:16	0	0	0
56	11/13/2014 12:21	0	0	0
57	11/13/2014 12:26	0	0	0
58	11/13/2014 12:31	0	0	0
59	11/13/2014 12:36	0	0	0
60	11/13/2014 12:41	0	0	0
61	11/13/2014 12:46	0	0	0
62	11/13/2014 12:51	0	0	0
63	11/13/2014 12:56	0	0	0
64	11/13/2014 13:01	0	0	0
65	11/13/2014 13:06	0	0	0
66	11/13/2014 13:11	0	0	0
67	11/13/2014 13:16	0	0	0
68	11/13/2014 13:21	0	0	0

69	11/13/2014 13:26	0	0	0
70	11/13/2014 13:31	0	0	0
71	11/13/2014 13:36	0	0	0
72	11/13/2014 13:41	0	0	0
73	11/13/2014 13:46	0	0	0
74	11/13/2014 13:51	0	0	0
75	11/13/2014 13:56	0	0	0
76	11/13/2014 14:01	0	0	0
77	11/13/2014 14:06	0	0	0
78	11/13/2014 14:11	0	0	0
79	11/13/2014 14:16	0	0	0
80	11/13/2014 14:21	0	0	0
81	11/13/2014 14:26	0	0	0
82	11/13/2014 14:31	0	0	0
83	11/13/2014 14:36	0	0	0
84	11/13/2014 14:41	0	0	0
85	11/13/2014 14:46	0	0	0
86	11/13/2014 14:51	0	0	0
87	11/13/2014 14:56	0	0	0
88	11/13/2014 15:01	0	0	0
89	11/13/2014 15:06	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****
TWA/STEL
No enabled sensor supports TWA/STEL.
==========
14/11/18 07:53
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-908422
Unit Firmware Ver V1.10C

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Stop by User

Site ID 00000004
User ID 00000001

Begin 2014/11/18 07:53:38
End 2014/11/18 07:53:45
Sample Period(s) 300
Number of Records 0

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40

****
Datalog
0 record.

==========
14/11/18 07:54
****
Summary

Unit Name MiniRAE 3000
Unit SN 592-908422
Unit Firmware Ver V1.10C

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000005
User ID 00000001

Begin 2014/11/18 07:54:27
End 2014/11/18 15:44:37
Sample Period(s) 300
Number of Records 94

Sensor VOC(ppm)
Span 100.000
Span 2 N/A

Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/18/2014 7:59	0	0	0
2	11/18/2014 8:04	0	0	0
3	11/18/2014 8:09	0	0	0
4	11/18/2014 8:14	0	0	0
5	11/18/2014 8:19	0	0	0
6	11/18/2014 8:24	0	0	0
7	11/18/2014 8:29	0	0	0
8	11/18/2014 8:34	0	0	0
9	11/18/2014 8:39	0	0	0
10	11/18/2014 8:44	0	0	0
11	11/18/2014 8:49	0	0	0
12	11/18/2014 8:54	0	0	0
13	11/18/2014 8:59	0	0	0
14	11/18/2014 9:04	0	0	0
15	11/18/2014 9:09	0	0	0
16	11/18/2014 9:14	0	0	0
17	11/18/2014 9:19	0	0	0
18	11/18/2014 9:24	0	0	0
19	11/18/2014 9:29	0	0	0
20	11/18/2014 9:34	0	0	0
21	11/18/2014 9:39	0	0	0
22	11/18/2014 9:44	0	0	0
23	11/18/2014 9:49	0	0	0
24	11/18/2014 9:54	0	0	0
25	11/18/2014 9:59	0	0	0
26	11/18/2014 10:04	0	0	0
27	11/18/2014 10:09	0	0	0
28	11/18/2014 10:14	0	0	0
29	11/18/2014 10:19	0	0	0
30	11/18/2014 10:24	0	0	0
31	11/18/2014 10:29	0	0	0
32	11/18/2014 10:34	0	0	0
33	11/18/2014 10:39	0	0	0

34	11/18/2014 10:44	0	0	0
35	11/18/2014 10:49	0	0	0
36	11/18/2014 10:54	0	0	0
37	11/18/2014 10:59	0	0	0
38	11/18/2014 11:04	0	0	0
39	11/18/2014 11:09	0	0	0
40	11/18/2014 11:14	0	0	0
41	11/18/2014 11:19	0	0	0
42	11/18/2014 11:24	0	0	0
43	11/18/2014 11:29	0	0	0
44	11/18/2014 11:34	0	0	0
45	11/18/2014 11:39	0	0	0
46	11/18/2014 11:44	0	0	0
47	11/18/2014 11:49	0	0	0
48	11/18/2014 11:54	0	0	0
49	11/18/2014 11:59	0	0	0
50	11/18/2014 12:04	0	0	0
51	11/18/2014 12:09	0	0	0
52	11/18/2014 12:14	0	0	0
53	11/18/2014 12:19	0	0	0
54	11/18/2014 12:24	0	0	0
55	11/18/2014 12:29	0	0	0
56	11/18/2014 12:34	0	0	0
57	11/18/2014 12:39	0	0	0
58	11/18/2014 12:44	0	0	0
59	11/18/2014 12:49	0	0	0
60	11/18/2014 12:54	0	0	0
61	11/18/2014 12:59	0	0	0
62	11/18/2014 13:04	0	0	0
63	11/18/2014 13:09	0	0	0
64	11/18/2014 13:14	0	0	0
65	11/18/2014 13:19	0	0	0
66	11/18/2014 13:24	0	0	0
67	11/18/2014 13:29	0	0	0
68	11/18/2014 13:34	0	0	0
69	11/18/2014 13:39	0	0	0
70	11/18/2014 13:44	0	0	0
71	11/18/2014 13:49	0	0	0
72	11/18/2014 13:54	0	0	0
73	11/18/2014 13:59	0	0	0
74	11/18/2014 14:04	0	0	0
75	11/18/2014 14:09	0	0	0
76	11/18/2014 14:14	0	0	0
77	11/18/2014 14:19	0	0	0
78	11/18/2014 14:24	0	0	0
79	11/18/2014 14:29	0	0	0
80	11/18/2014 14:34	0	0	0

81	11/18/2014 14:39	0	0	0
82	11/18/2014 14:44	0	0	0
83	11/18/2014 14:49	0	0	0
84	11/18/2014 14:54	0	0	0
85	11/18/2014 14:59	0	0	0
86	11/18/2014 15:04	0	0	0
87	11/18/2014 15:09	0	0	0
88	11/18/2014 15:14	0	0	0
89	11/18/2014 15:19	0	0	0
90	11/18/2014 15:24	0	0	0
91	11/18/2014 15:29	0	0	0
92	11/18/2014 15:34	0	0	0
93	11/18/2014 15:39	0	0	0
94	11/18/2014 15:44	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/19 07:55

****

Summary

Unit Name MiniRAE 3000

Unit SN 592-908422

Unit Firmware Ver V1.10C

Running Mode Search Mode

Measure Type Min; Avg; Max

Datalog Mode Continuous

Datalog Type Auto

Diagnostic Mode No

Stop Reason Power Down

Site ID 00000006

User ID 00000001

Begin 2014/11/19 07:55:38

End 2014/11/19 10:39:37

Sample Period(s) 300

Number of Records 32

Sensor VOC(ppm)

Span 100.000

Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/19/2014 8:00	0	0	0
2	11/19/2014 8:05	0	0	0
3	11/19/2014 8:10	0	0	0
4	11/19/2014 8:15	0	0	0
5	11/19/2014 8:20	0	0	0
6	11/19/2014 8:25	0	0	0
7	11/19/2014 8:30	0	0	0
8	11/19/2014 8:35	0	0	0
9	11/19/2014 8:40	0	0	0
10	11/19/2014 8:45	0	0	0
11	11/19/2014 8:50	0	0	0
12	11/19/2014 8:55	0	0	0
13	11/19/2014 9:00	0	0	0
14	11/19/2014 9:05	0	0	0
15	11/19/2014 9:10	0	0	0
16	11/19/2014 9:15	0	0	0
17	11/19/2014 9:20	0	0	0
18	11/19/2014 9:25	0	0	0
19	11/19/2014 9:30	0	0	0
20	11/19/2014 9:35	0	0	0
21	11/19/2014 9:40	0	0	0
22	11/19/2014 9:45	0	0	0
23	11/19/2014 9:50	0	0	0
24	11/19/2014 9:55	0	0	0
25	11/19/2014 10:00	0	0	0
26	11/19/2014 10:05	0	0	0
27	11/19/2014 10:10	0	0	0
28	11/19/2014 10:15	0	0	0
29	11/19/2014 10:20	0	0	0
30	11/19/2014 10:25	0	0	0.053
31	11/19/2014 10:30	0	0	0
32	11/19/2014 10:35	0	0	0

Peak	0	0	0.053
Min	0	0	0
Average	0	0	0.002

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/21 08:29

****

Summary

Unit Name	MiniRAE 3000
Unit SN	592-908422
Unit Firmware Ver	V1.10C

Running Mode	Search Mode
Measure Type	Min; Avg; Max
Datalog Mode	Continuous
Datalog Type	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	00000007
User ID	00000001

Begin	2014/11/21 08:29:57
End	2014/11/21 15:23:33
Sample Period(s)	300
Number of Records	82

Sensor	VOC(ppm)
Span	100.000
Span 2	N/A
Low Alarm	50.000
High Alarm	100.000
Over Alarm	15000.000
STEL Alarm	25.000
TWA Alarm	10.000
Measurement Gas	Isobutylene
Calibration Time	2014/11/04 10:40
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/21/2014 8:34	0	0.001	0.079
2	11/21/2014 8:39	0	0	0
3	11/21/2014 8:44	0	0	0
4	11/21/2014 8:49	0	0	0
5	11/21/2014 8:54	0	0	0
6	11/21/2014 8:59	0	0	0
7	11/21/2014 9:04	0	0	0
8	11/21/2014 9:09	0	0	0
9	11/21/2014 9:14	0	0	0
10	11/21/2014 9:19	0	0	0
11	11/21/2014 9:24	0	0	0
12	11/21/2014 9:29	0	0	0
13	11/21/2014 9:34	0	0	0
14	11/21/2014 9:39	0	0	0
15	11/21/2014 9:44	0	0	0
16	11/21/2014 9:49	0	0	0
17	11/21/2014 9:54	0	0	0
18	11/21/2014 9:59	0	0	0
19	11/21/2014 10:04	0	0	0
20	11/21/2014 10:09	0	0	0
21	11/21/2014 10:14	0	0	0
22	11/21/2014 10:19	0	0	0
23	11/21/2014 10:24	0	0	0
24	11/21/2014 10:29	0	0	0
25	11/21/2014 10:34	0	0	0
26	11/21/2014 10:39	0	0	0
27	11/21/2014 10:44	0	0	0
28	11/21/2014 10:49	0	0	0
29	11/21/2014 10:54	0	0	0
30	11/21/2014 10:59	0	0	0
31	11/21/2014 11:04	0	0	0
32	11/21/2014 11:09	0	0	0
33	11/21/2014 11:14	0	0	0
34	11/21/2014 11:19	0	0	0
35	11/21/2014 11:24	0	0	0
36	11/21/2014 11:29	0	0	0
37	11/21/2014 11:34	0	0	0
38	11/21/2014 11:39	0	0	0
39	11/21/2014 11:44	0	0	0
40	11/21/2014 11:49	0	0	0
41	11/21/2014 11:54	0	0	0
42	11/21/2014 11:59	0	0	0
43	11/21/2014 12:04	0	0	0
44	11/21/2014 12:09	0	0	0
45	11/21/2014 12:14	0	0	0
46	11/21/2014 12:19	0	0	0

47	11/21/2014 12:24	0	0	0
48	11/21/2014 12:29	0	0	0
49	11/21/2014 12:34	0	0	0
50	11/21/2014 12:39	0	0	0
51	11/21/2014 12:44	0	0	0
52	11/21/2014 12:49	0	0	0
53	11/21/2014 12:54	0	0	0
54	11/21/2014 12:59	0	0	0
55	11/21/2014 13:04	0	0	0
56	11/21/2014 13:09	0	0	0
57	11/21/2014 13:14	0	0	0
58	11/21/2014 13:19	0	0	0
59	11/21/2014 13:24	0	0	0
60	11/21/2014 13:29	0	0	0
61	11/21/2014 13:34	0	0	0
62	11/21/2014 13:39	0	0	0
63	11/21/2014 13:44	0	0	0
64	11/21/2014 13:49	0	0	0
65	11/21/2014 13:54	0	0	0
66	11/21/2014 13:59	0	0	0
67	11/21/2014 14:04	0	0	0
68	11/21/2014 14:09	0	0	0
69	11/21/2014 14:14	0	0	0
70	11/21/2014 14:19	0	0	0
71	11/21/2014 14:24	0	0	0
72	11/21/2014 14:29	0	0	0
73	11/21/2014 14:34	0	0	0
74	11/21/2014 14:39	0	0	0
75	11/21/2014 14:44	0	0	0
76	11/21/2014 14:49	0	0	0
77	11/21/2014 14:54	0	0	0
78	11/21/2014 14:59	0	0	0
79	11/21/2014 15:04	0	0	0
80	11/21/2014 15:09	0	0	0
81	11/21/2014 15:14	0	0	0
82	11/21/2014 15:19	0	0	0
Peak		0	0.001	0.079
Min		0	0	0
Average		0	0	0.001

****

TWA/STEL

No enabled sensor supports TWA/STEL.

==========

14/11/24 08:09

****

Summary

Unit Name MiniRAE 3000
Unit SN 592-908422
Unit Firmware Ver V1.10C

Running Mode Search Mode
Measure Type Min; Avg; Max
Datalog Mode Continuous
Datalog Type Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 00000008
User ID 00000001

Begin 2014/11/24 08:09:50
End 2014/11/24 14:45:01
Sample Period(s) 300
Number of Records 79

Sensor VOC(ppm)
Span 100.000
Span 2 N/A
Low Alarm 50.000
High Alarm 100.000
Over Alarm 15000.000
STEL Alarm 25.000
TWA Alarm 10.000
Measurement Gas Isobutylene
Calibration Time 2014/11/04 10:40
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm)(	VOC(ppm)(	VOC(ppm)(Max)
1	11/24/2014 8:14	0	0	0
2	11/24/2014 8:19	0	0	0
3	11/24/2014 8:24	0	0	0
4	11/24/2014 8:29	0	0	0
5	11/24/2014 8:34	0	0	0
6	11/24/2014 8:39	0	0	0
7	11/24/2014 8:44	0	0	0
8	11/24/2014 8:49	0	0	0
9	11/24/2014 8:54	0	0	0
10	11/24/2014 8:59	0	0	0

11	11/24/2014 9:04	0	0	0
12	11/24/2014 9:09	0	0	0
13	11/24/2014 9:14	0	0	0
14	11/24/2014 9:19	0	0	0
15	11/24/2014 9:24	0	0	0
16	11/24/2014 9:29	0	0	0
17	11/24/2014 9:34	0	0	0
18	11/24/2014 9:39	0	0	0
19	11/24/2014 9:44	0	0	0
20	11/24/2014 9:49	0	0	0
21	11/24/2014 9:54	0	0	0
22	11/24/2014 9:59	0	0	0
23	11/24/2014 10:04	0	0	0
24	11/24/2014 10:09	0	0	0
25	11/24/2014 10:14	0	0	0
26	11/24/2014 10:19	0	0	0
27	11/24/2014 10:24	0	0	0
28	11/24/2014 10:29	0	0	0
29	11/24/2014 10:34	0	0	0
30	11/24/2014 10:39	0	0	0
31	11/24/2014 10:44	0	0	0
32	11/24/2014 10:49	0	0	0
33	11/24/2014 10:54	0	0	0
34	11/24/2014 10:59	0	0	0
35	11/24/2014 11:04	0	0	0
36	11/24/2014 11:09	0	0	0
37	11/24/2014 11:14	0	0	0
38	11/24/2014 11:19	0	0	0
39	11/24/2014 11:24	0	0	0
40	11/24/2014 11:29	0	0	0
41	11/24/2014 11:34	0	0	0
42	11/24/2014 11:39	0	0	0
43	11/24/2014 11:44	0	0	0
44	11/24/2014 11:49	0	0	0
45	11/24/2014 11:54	0	0	0
46	11/24/2014 11:59	0	0	0
47	11/24/2014 12:04	0	0	0
48	11/24/2014 12:09	0	0	0
49	11/24/2014 12:14	0	0	0
50	11/24/2014 12:19	0	0	0
51	11/24/2014 12:24	0	0	0
52	11/24/2014 12:29	0	0	0
53	11/24/2014 12:34	0	0	0
54	11/24/2014 12:39	0	0	0
55	11/24/2014 12:44	0	0	0
56	11/24/2014 12:49	0	0	0
57	11/24/2014 12:54	0	0	0

58	11/24/2014 12:59	0	0	0
59	11/24/2014 13:04	0	0	0
60	11/24/2014 13:09	0	0	0
61	11/24/2014 13:14	0	0	0
62	11/24/2014 13:19	0	0	0
63	11/24/2014 13:24	0	0	0
64	11/24/2014 13:29	0	0	0
65	11/24/2014 13:34	0	0	0
66	11/24/2014 13:39	0	0	0
67	11/24/2014 13:44	0	0	0
68	11/24/2014 13:49	0	0	0
69	11/24/2014 13:54	0	0	0
70	11/24/2014 13:59	0	0	0
71	11/24/2014 14:04	0	0	0
72	11/24/2014 14:09	0	0	0
73	11/24/2014 14:14	0	0	0
74	11/24/2014 14:19	0	0	0
75	11/24/2014 14:24	0	0	0
76	11/24/2014 14:29	0	0	0
77	11/24/2014 14:34	0	0	0
78	11/24/2014 14:39	0	0	0
79	11/24/2014 14:44	0	0.001	0.125
Peak		0	0.001	0.125
Min		0	0	0
Average		0	0	0.002

****

TWA/STEL

No enabled sensor supports TWA/STEL.

Appendix D

Laboratory Analytical Reports

Due to the size of the Laboratory Analytical Reports, they have been provided on the enclosed CD.